

Annex B

Monitoring Results

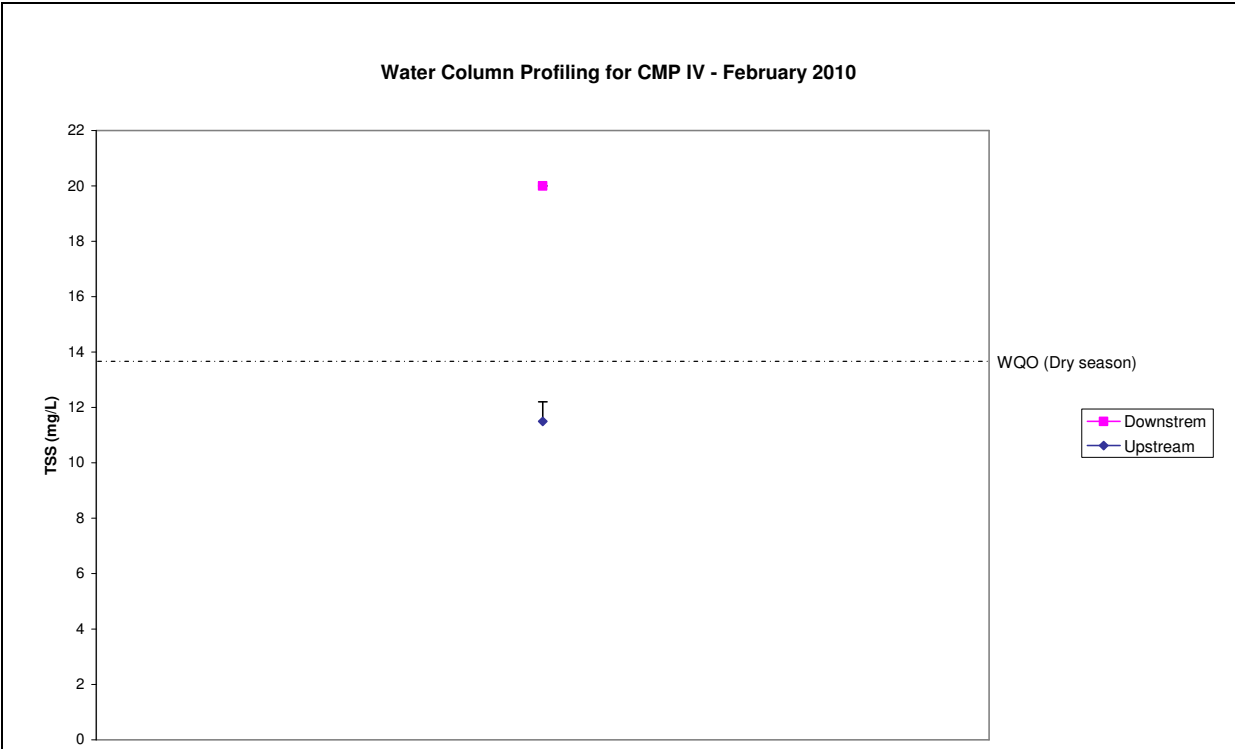


Figure 1: Levels of Total Suspended Solids (mean \pm SD) during Water Column Profiling for CMP IV in February 2010.

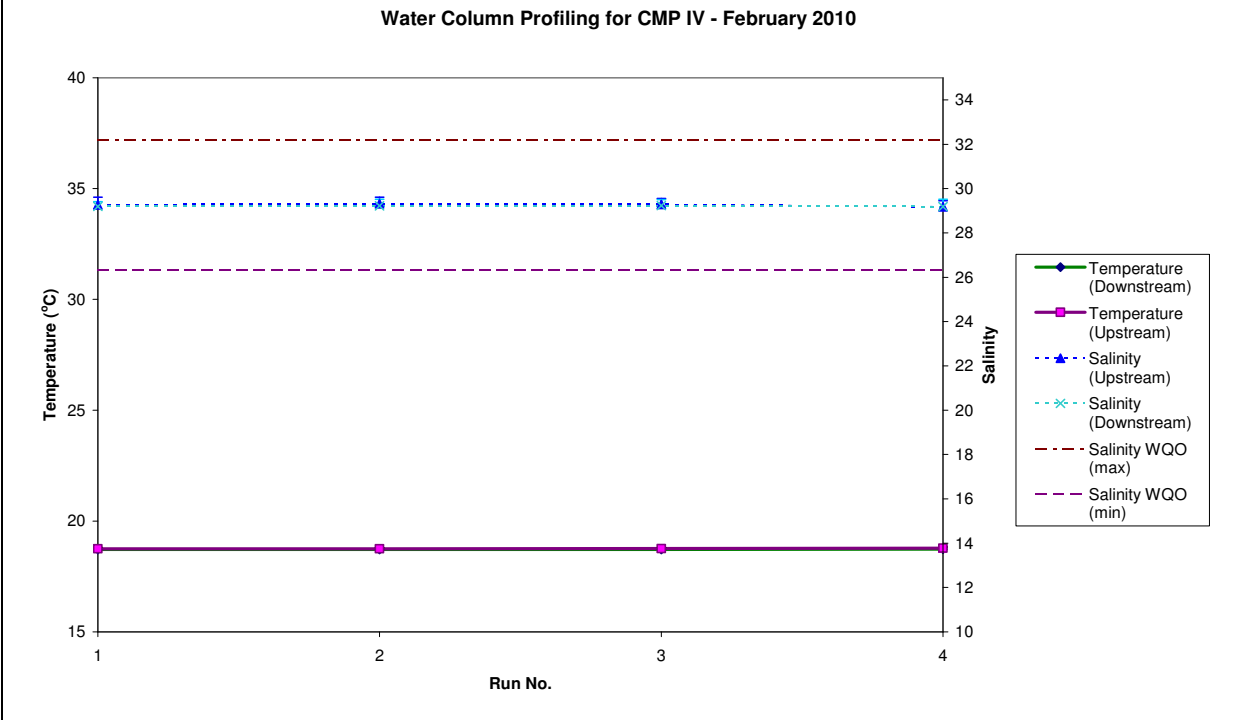


Figure 2: Salinity and Temperature (mean \pm SD) during Water Column Profiling for CMP IV in February 2010.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06. 12 Water Column Profiling CMP V\Feb 2010
 Date: 9/03/2010

**Environmental
Resources
Management**



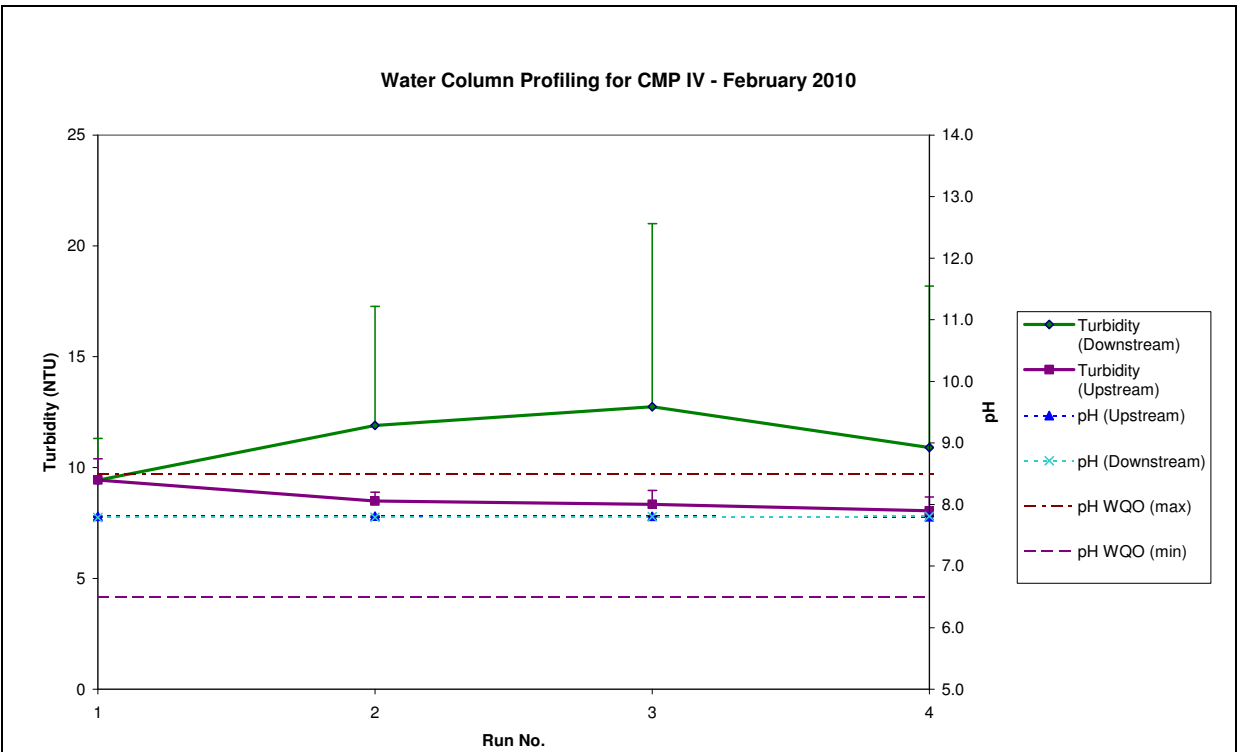


Figure 3: Turbidity and pH (mean ± SD) during Water Column Profiling for CMP IV in February 2010.

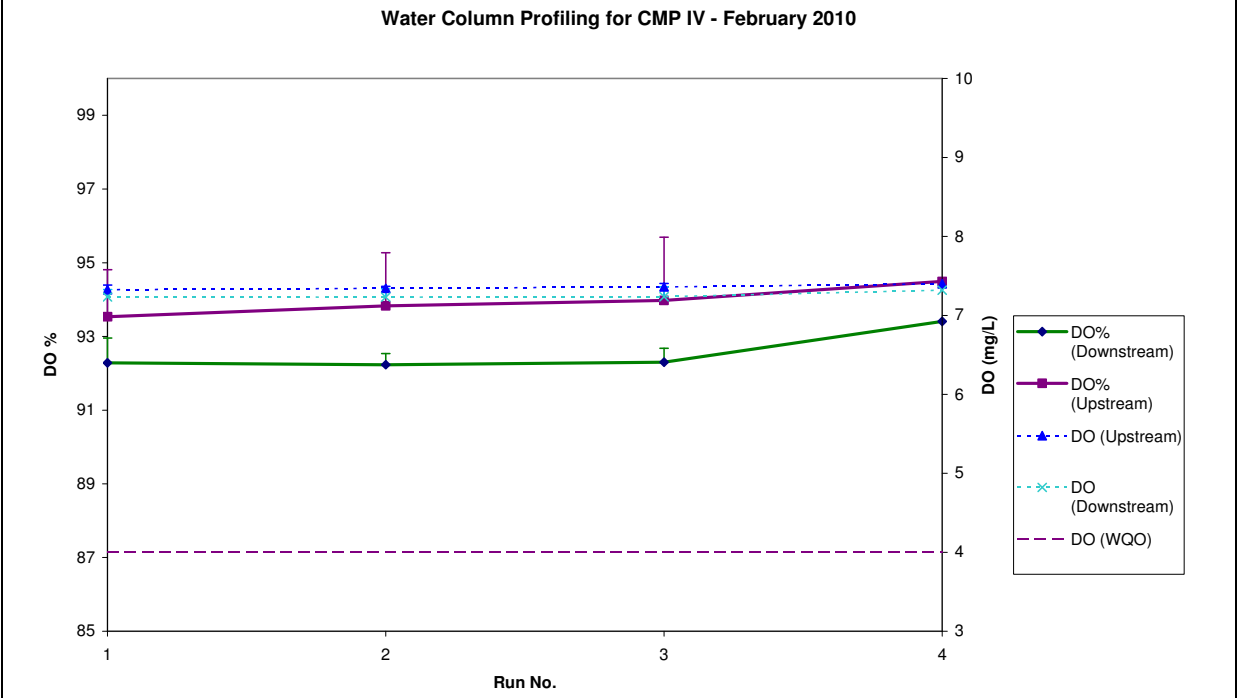


Figure 4: Dissolved Oxygen (mean ± SD) during Water Column Profiling for CMP IV in December 2009.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06. 12 Water Column Profiling CMP V\Feb 2010
 Date: 09/03/2010

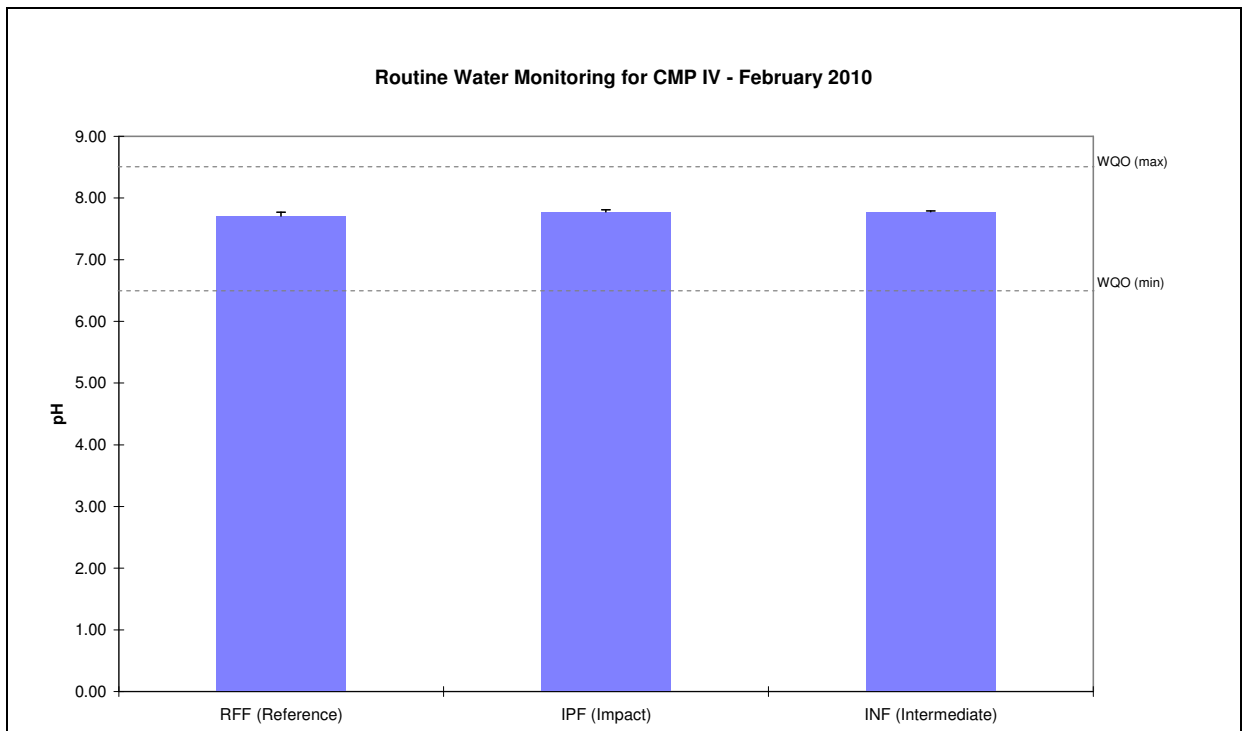


Figure 5: Level of pH (mean \pm SD) during *in-situ* measurements for Routine Water Quality Monitoring for CMP IV in February 2010.

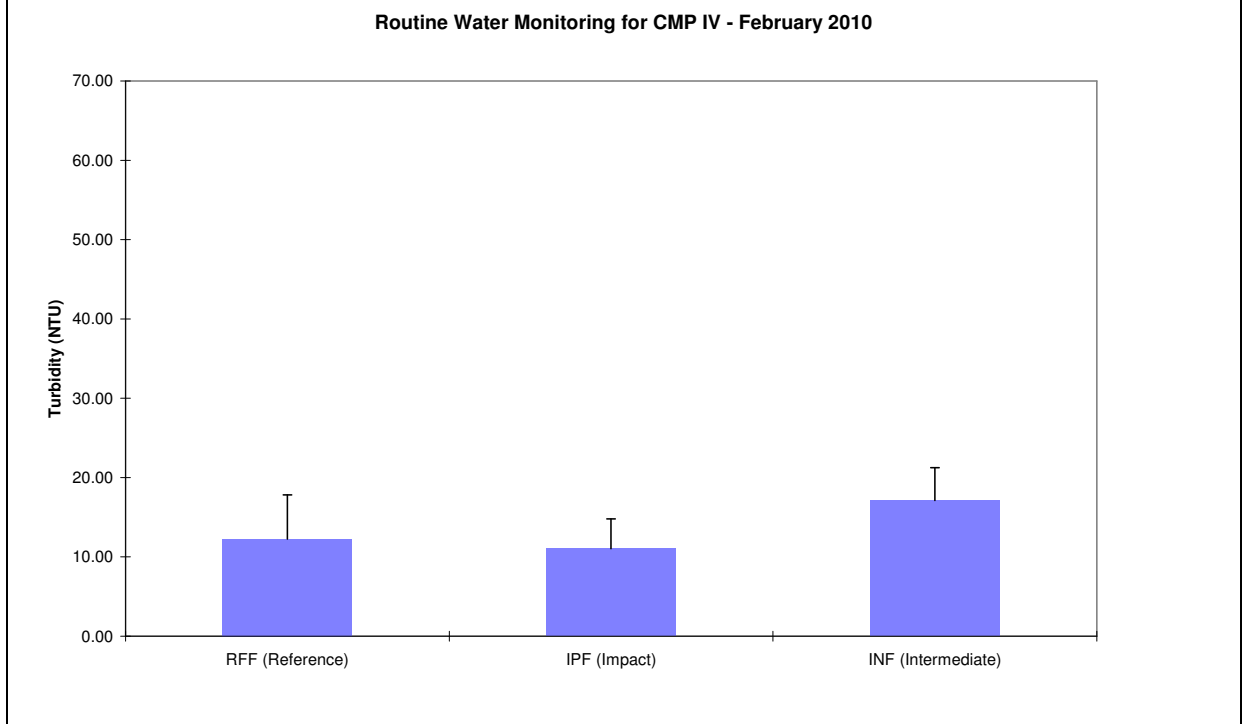


Figure 6: Level of Turbidity (mean \pm SD) during *in-situ* measurements for Routine Water Quality Monitoring for CMP IV in February 2010.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.8 Routine Water Quality Monitoring\Feb 10
 Date: 09/03/2010

**Environmental
 Resources
 Management**



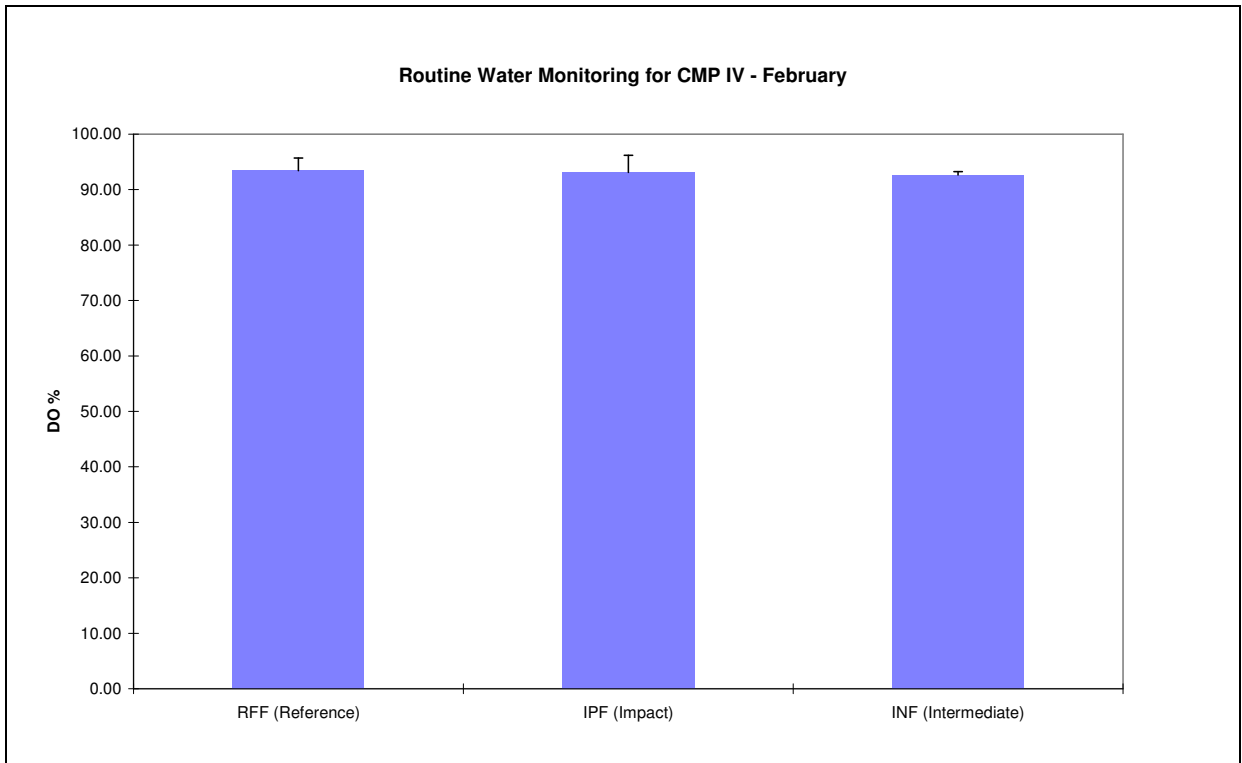


Figure 7: Level of Dissolved Oxygen (% mean ± SD) during *in-situ* measurements for Routine Water Quality Monitoring for CMP IV in February 2010.

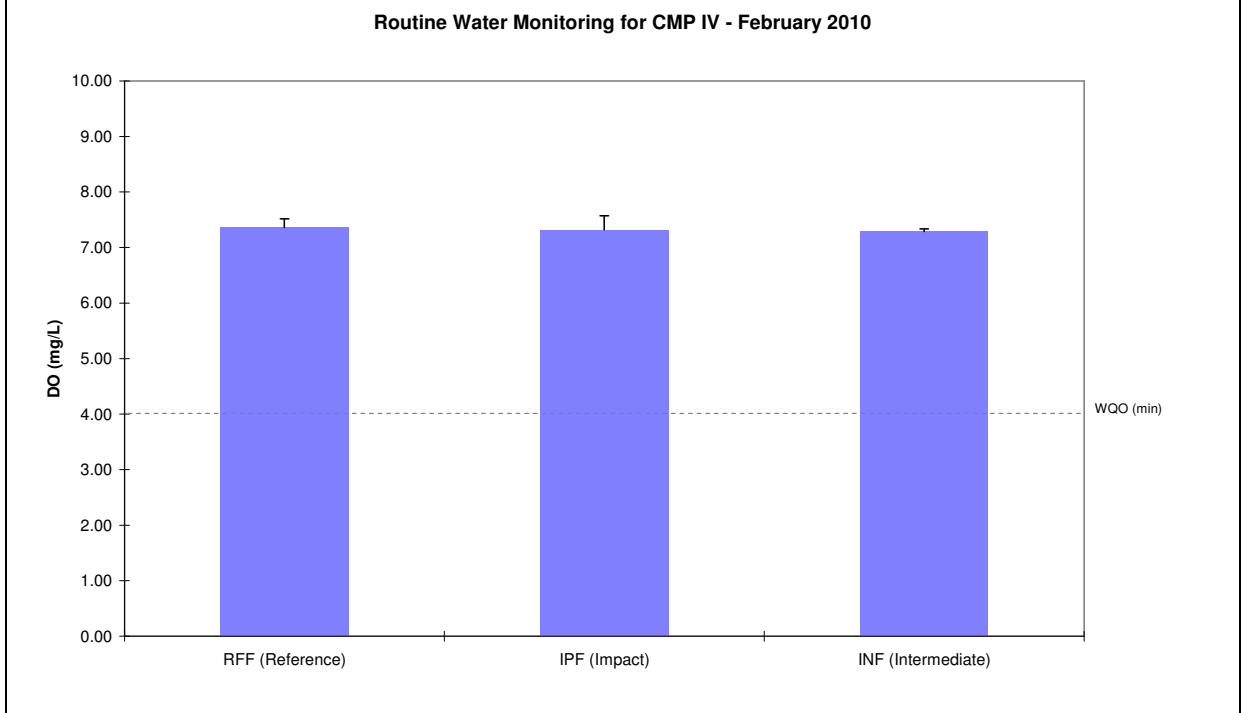


Figure 8: Concentration of Dissolved Oxygen (mg/L mean ± SD) during *in-situ* measurements for Routine Water Quality Monitoring for CMP IV February 2010.

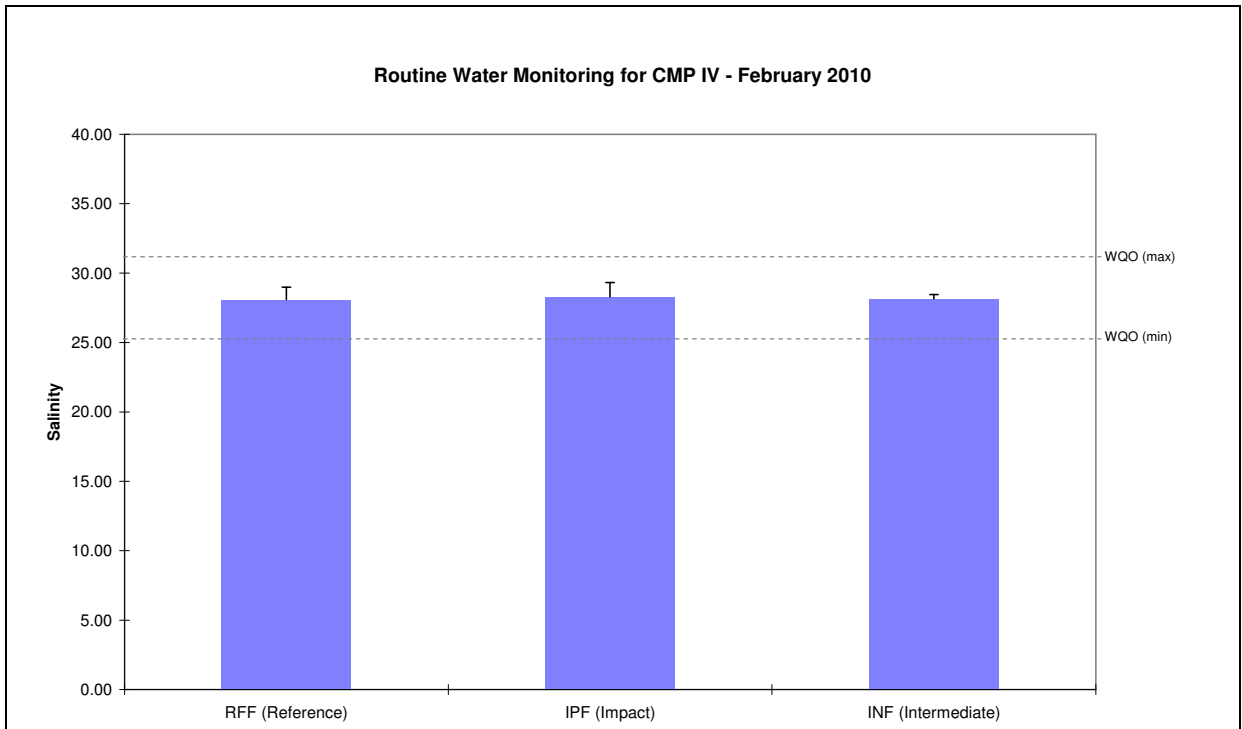


Figure 9: Level of Salinity (mean \pm SD) during *in-situ* measurements for Routine Water Quality Monitoring for CMP IV in February 2010.

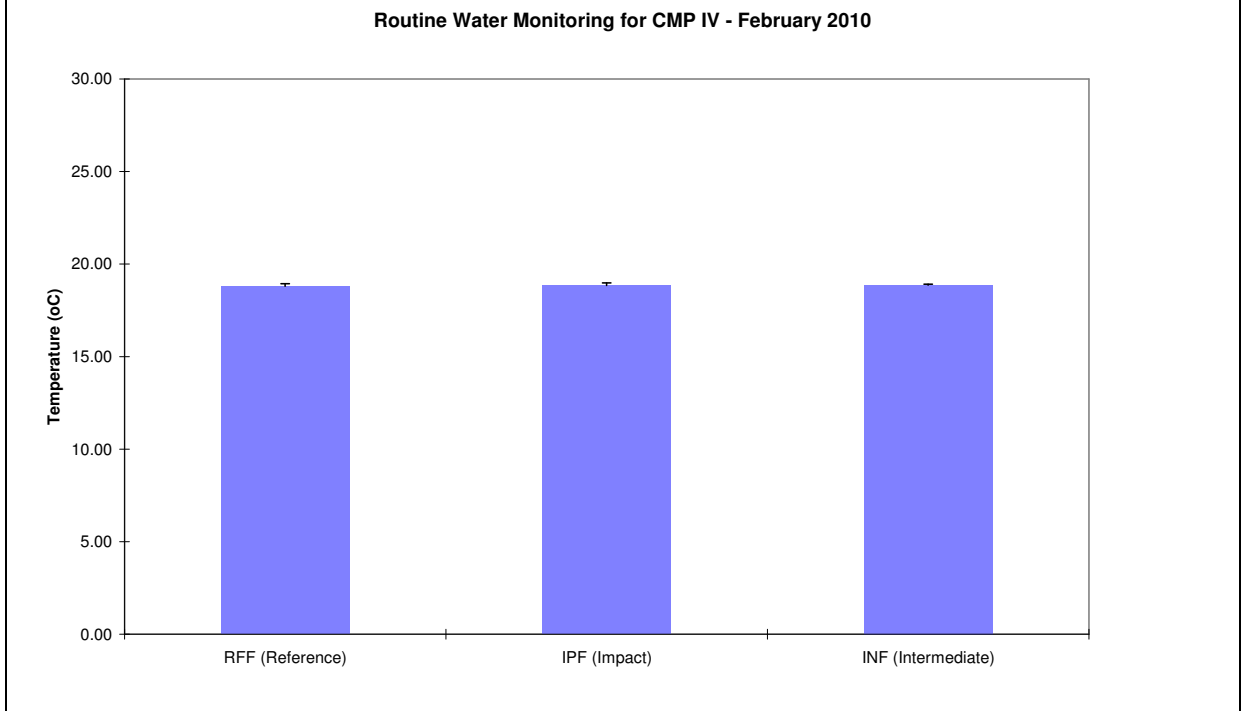


Figure 10: Temperature (mean \pm SD) during *in-situ* measurements for Routine Water Quality Monitoring for CMP IV in February 2010.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.8 Routine Water Quality Monitoring\Feb 10
 Date: 09/03/2010

**Environmental
Resources
Management**



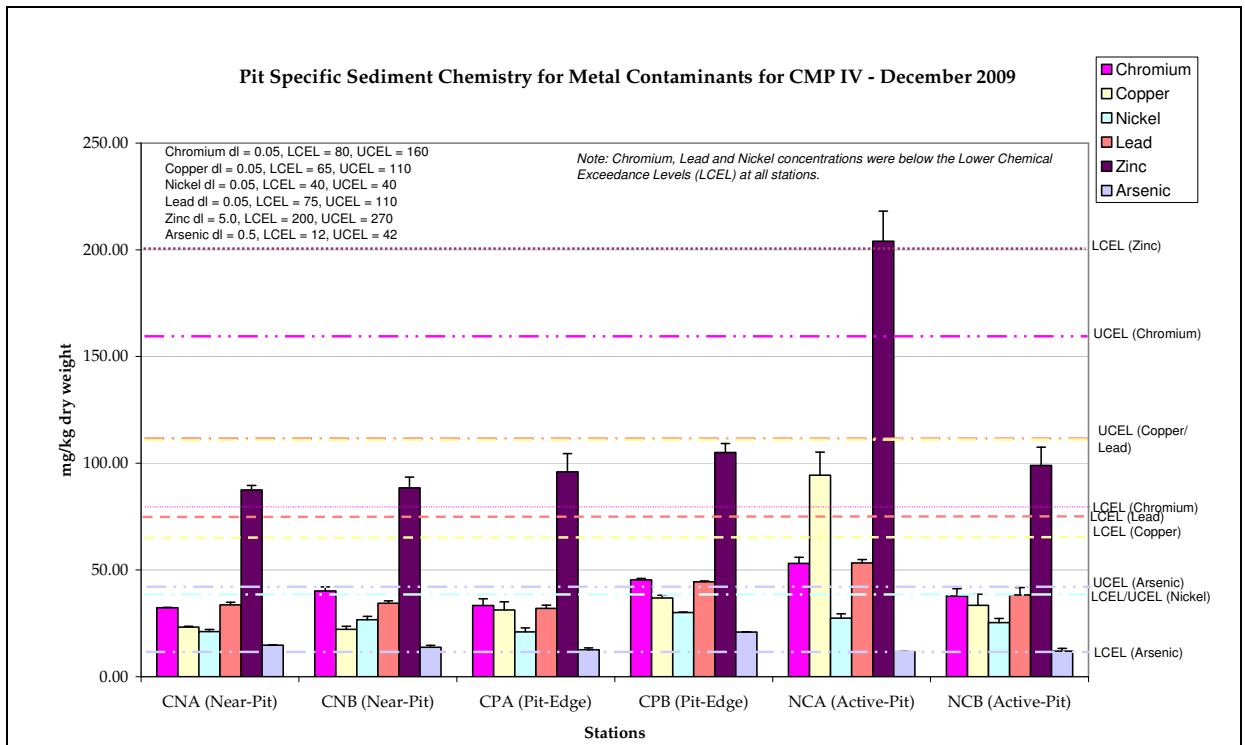


Figure 11: Concentration of Metals (Cr, Cu, Ni, Pb, Zn and As) in sediment samples for Pit Specific Sediment Chemistry for CMP IV during December 2009.

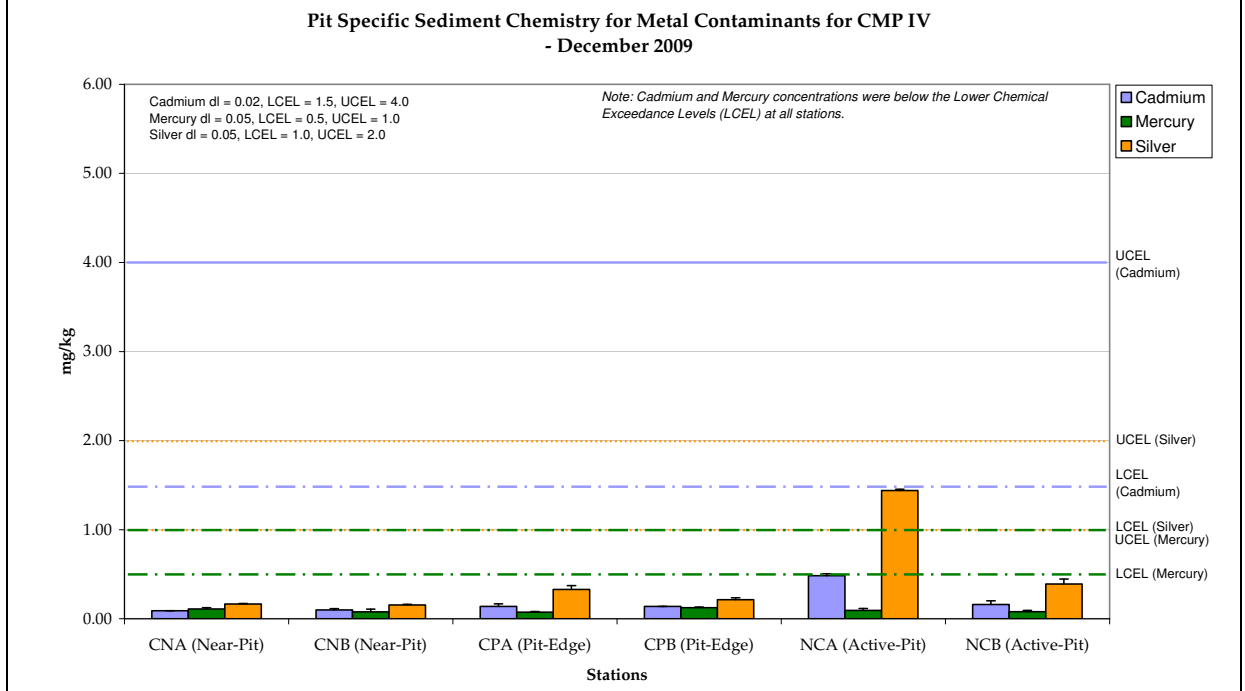


Figure 12: Concentration of Metals (Cd, Hg and Ag) in sediment samples for Pit Specific Sediment Chemistry for CMP IV during December 2009.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.3 Pit Specific Sediment Chemistry\Dec 2009
 Date: 09/03/2010

Environmental Resources Management



**Pit Specific Sediment Chemistry for Organic Contaminants (DDT & DDE) for CMP IV
- December 2009**

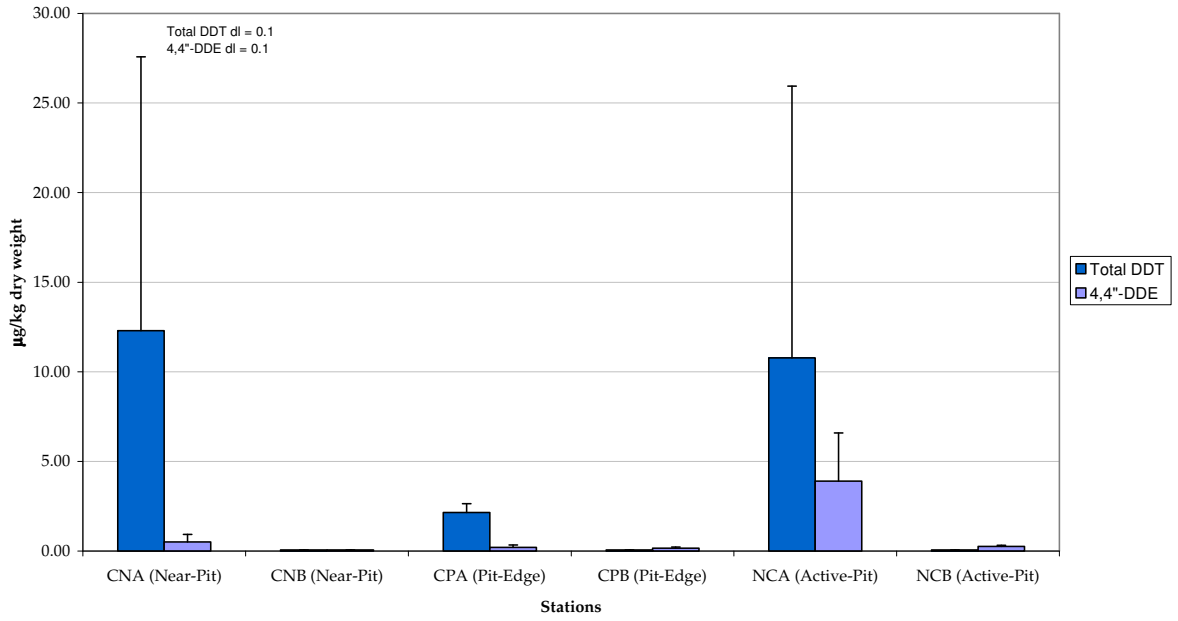


Figure 13: Concentration of DDT and DDE in sediment samples for Pit Specific Sediment Chemistry for CMP IV during December 2009.

**Pit Specific Sediment Chemistry for Organic Contaminants (TBT) in Interstitial Water for CMP IV
- December 2009**

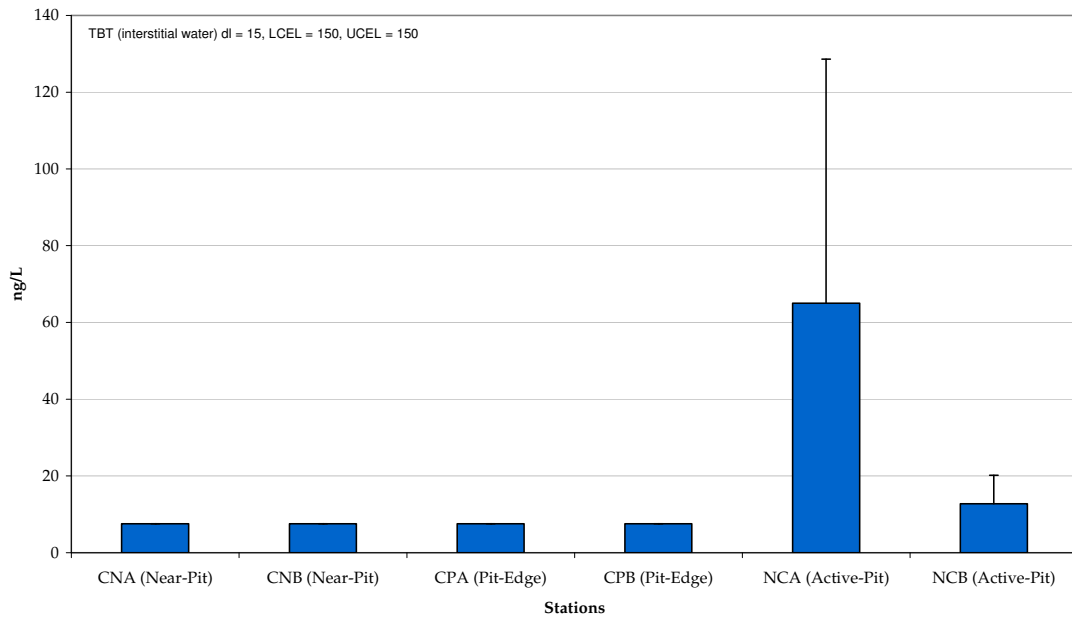


Figure 14: Concentration of Tributyltin (TBT) in interstitial water samples for Pit Specific Sediment Chemistry for CMP IV during December 2009.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.3 Pit Specific Sediment Chemistry\Dec 2009

Date: 09/03/2010

**Environmental
Resources
Management**



**Pit Specific Sediment Chemistry for Organic Contaminants (TBTs) for CMP IV
- December 2009**

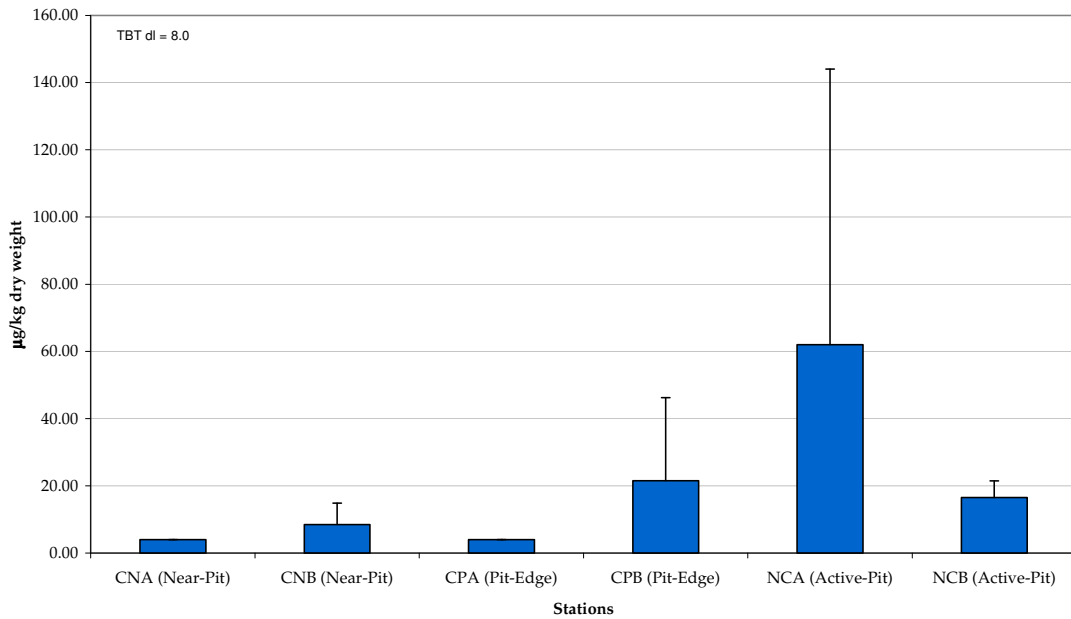


Figure 15: Concentration of Tributyltin (TBT) in sediment samples for Pit Specific Sediment Chemistry for CMP IV during December 2009.

**Pit Specific Sediment Chemistry for Organic Contaminants (PAHs) for CMP IV
- December 2009**

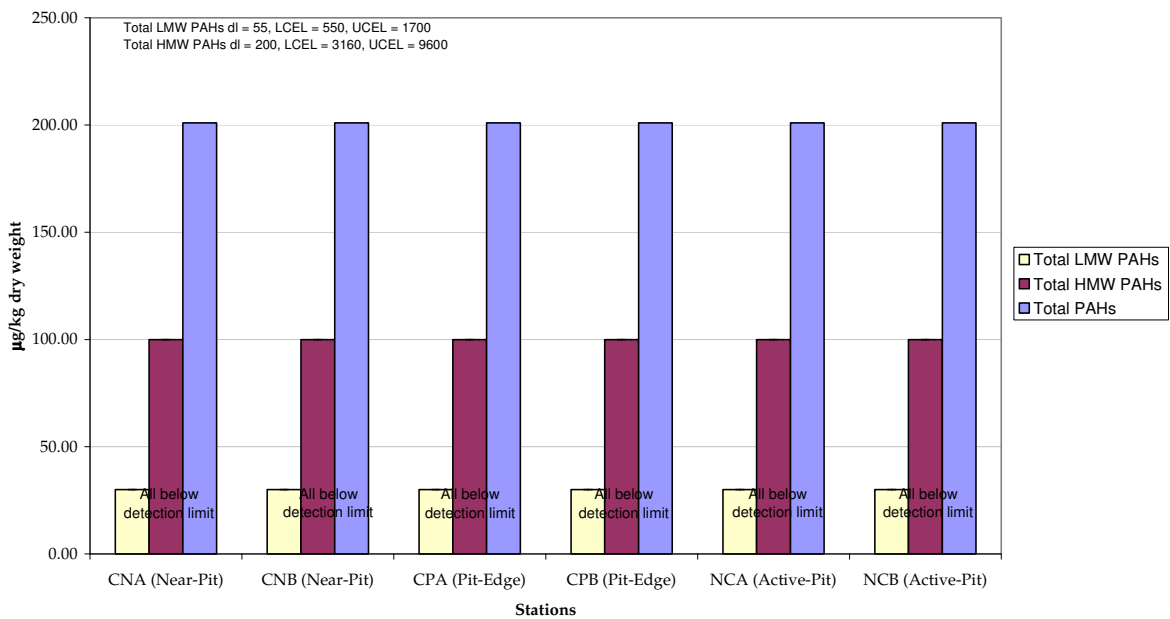


Figure 16: Concentration of Low Molecular Weight (LMW) Polyaromatic Hydrocarbons (PAHs), High Molecular Weight (HMW) PAHs and Total PAHs in sediment samples for Pit Specific Sediment Chemistry for CMP IV during December 2009.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.3 Pit Specific Sediment Chemistry\Dec 2009

Date: 09/03/2010

**Environmental
Resources
Management**



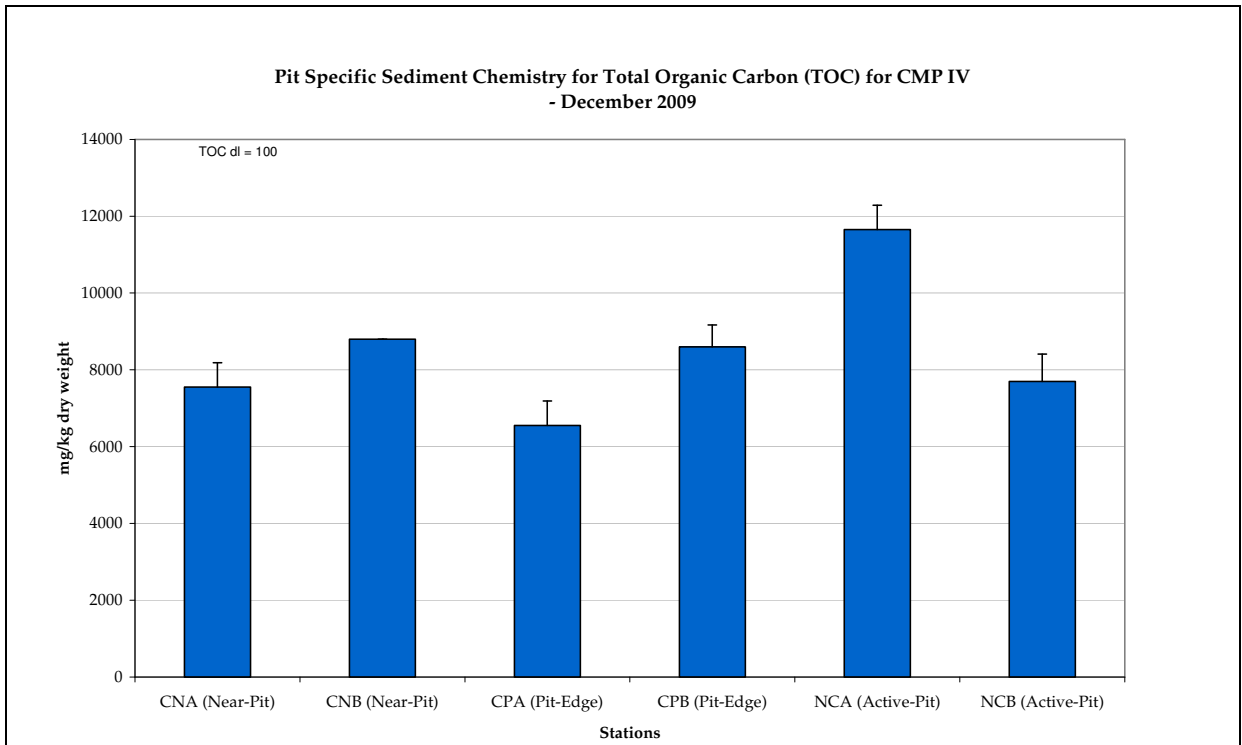


Figure 17: Concentration of Total Organic Carbon (TOC) in sediment samples for Pit Specific Sediment Chemistry for CMP IV during December 2009.

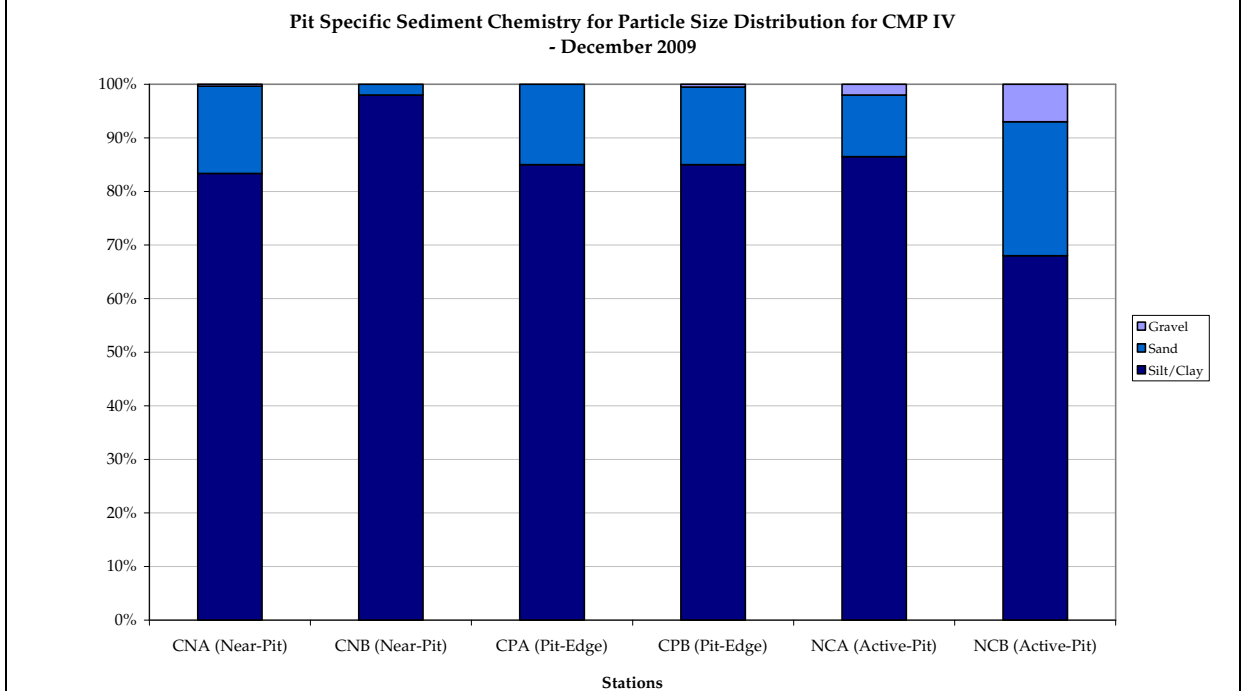


Figure 18: Particle Size Distribution (% mean) of sediment samples for Pit Specific Sediment Chemistry for CMP IV during December 2009.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.3 Pit Specific Sediment Chemistry\Dec 2009

Date: 09/03/2010

**Environmental
Resources
Management**



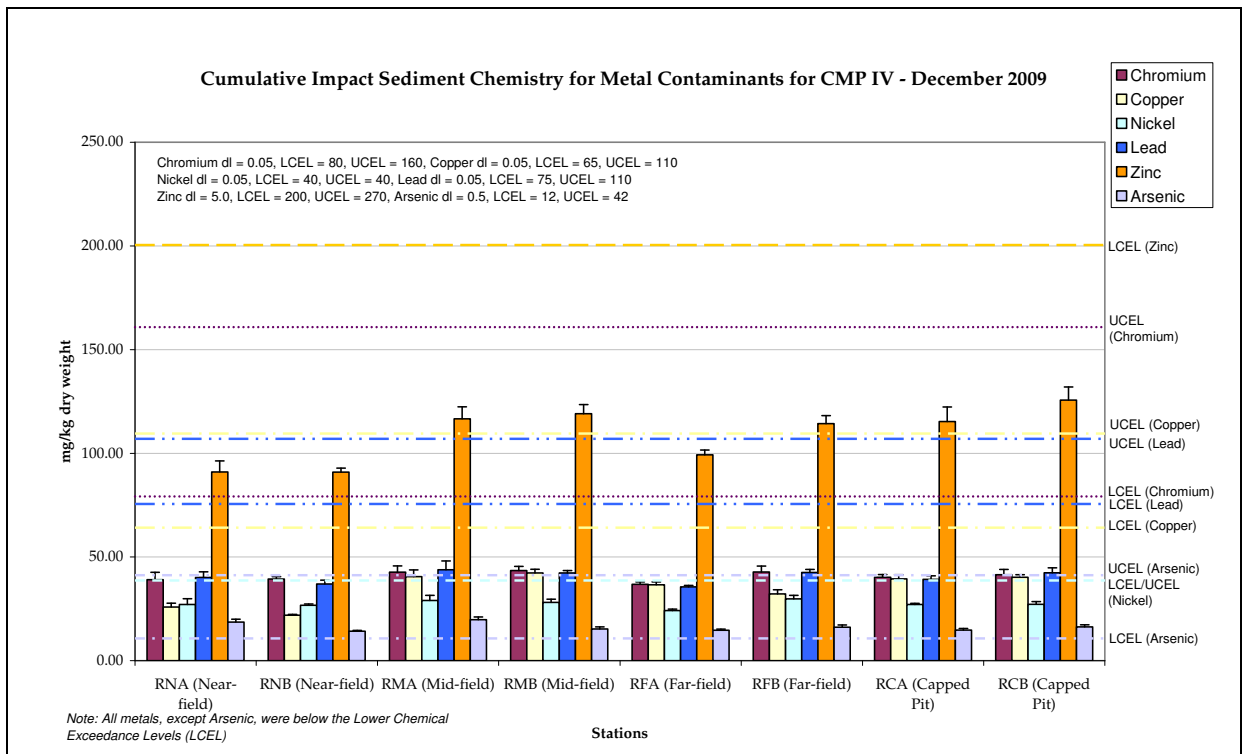


Figure 19: Concentration of Metals (Cr, Cu, Ni, Pb, Zn and As) in sediment samples for Cumulative Impact Sediment Chemistry for CMP IV during December 2009.

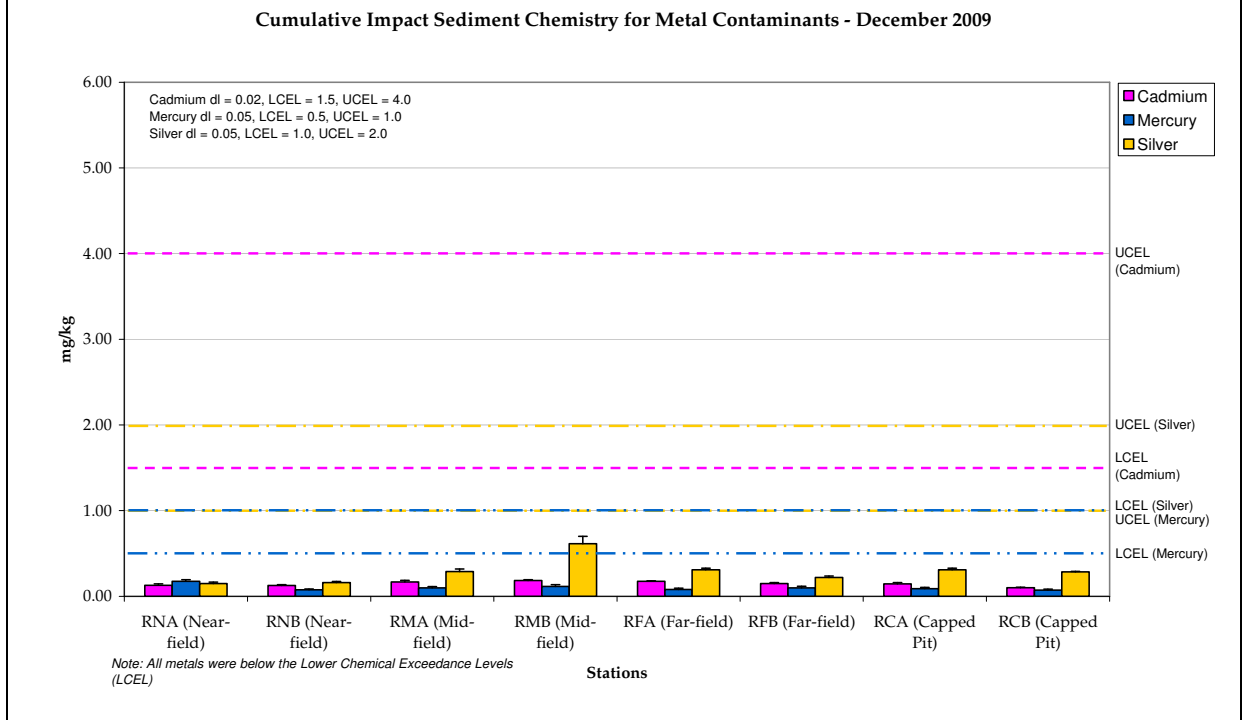


Figure 20: Concentration of Metals (Cd, Hg and Ag) in sediment samples for Cumulative Impact Sediment Chemistry for CMP IV during December 2009.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.4 Cumulative Impact Sediment Chemistry\Dec 2009

Date: 09/03/2010



Cumulative Impact Sediment Chemistry for Organic Contaminants (DDT & DDE) - December 2009

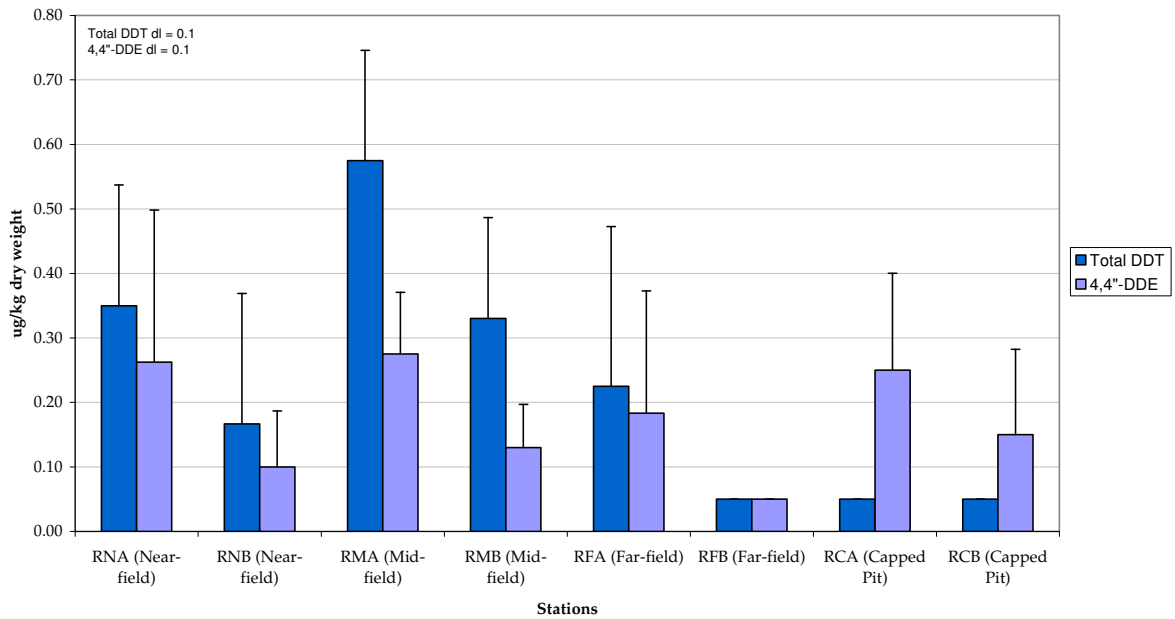


Figure 21: Concentration of DDT and DDE in sediment samples for Cumulative Impact Sediment Chemistry for CMP IV during December 2009.

Cumulative Impact Sediment Chemistry for Organic Contaminants (TBTs) - December 2009

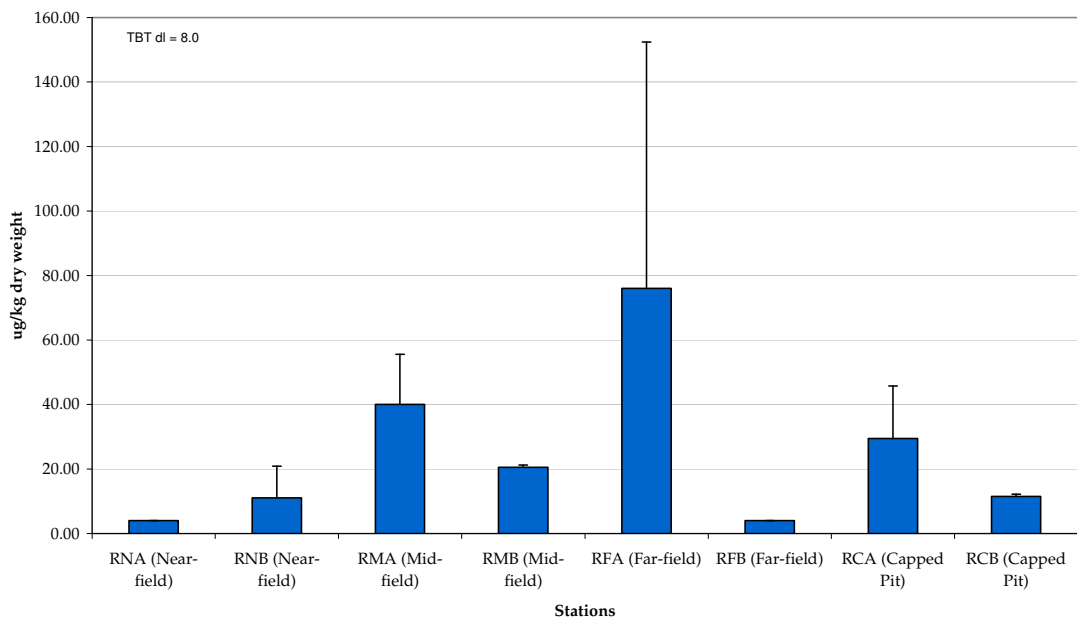


Figure 22: Concentration of Tributyltin (TBT) in sediment samples for Cumulative Impact Sediment Chemistry for CMP IV during December 2009.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.4 Cumulative Impact Sediment Chemistry\Dec 2009

Date: 09/03/2010

**Environmental
Resources
Management**



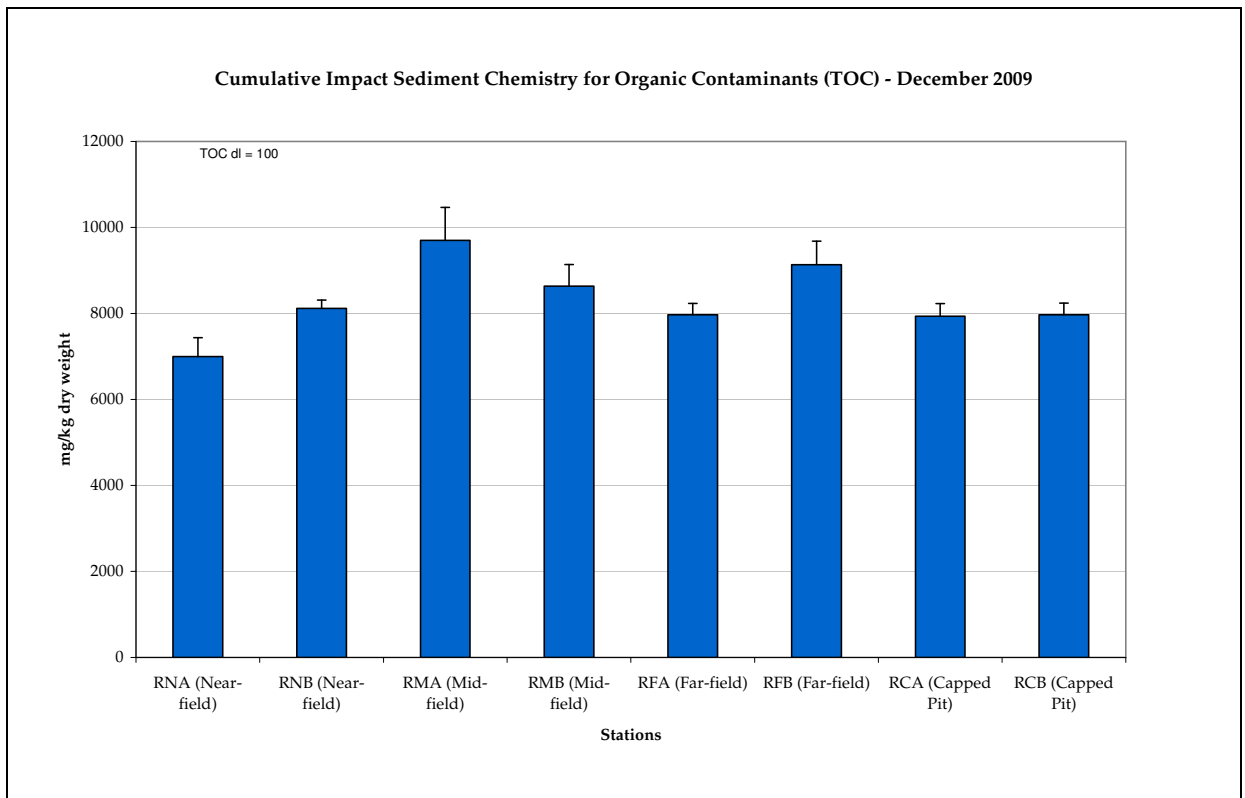


Figure 23: Concentration of Total Organic Carbon (TOC) in sediment samples for Cumulative Impact Sediment Chemistry for CMP IV during December 2009.

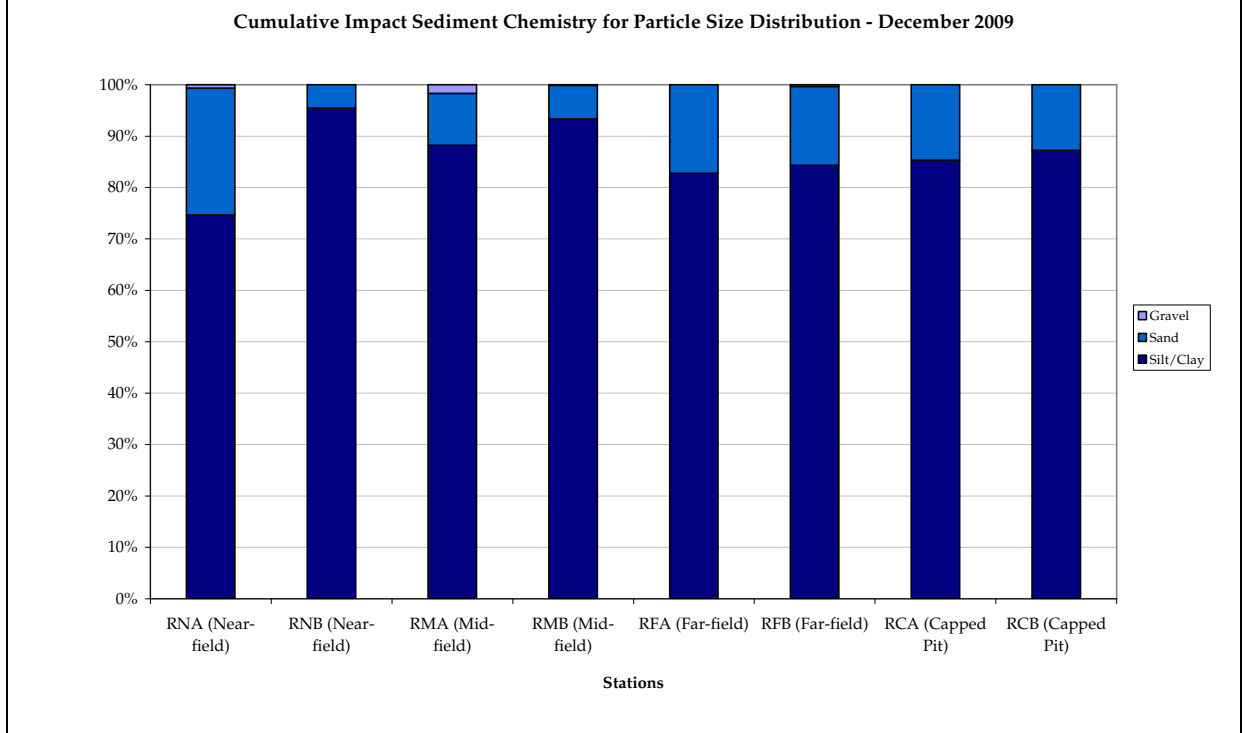


Figure 24: Particle Size Distribution (%) of sediment samples for Cumulative Impact Sediment Chemistry for CMP IV during December 2009.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\ 06.4 Cumulative Impact Sediment Chemistry\Dec 2009

Date: 09/03/2010

**Environmental
Resources
Management**





Figure 25: Levels of Metals (mean \pm SD) in tissues of Burrowing Fish from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Inorganic Arsenic, Cadmium and Silver were below the limit of detection at all stations.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures
 Date: 10/03/2010

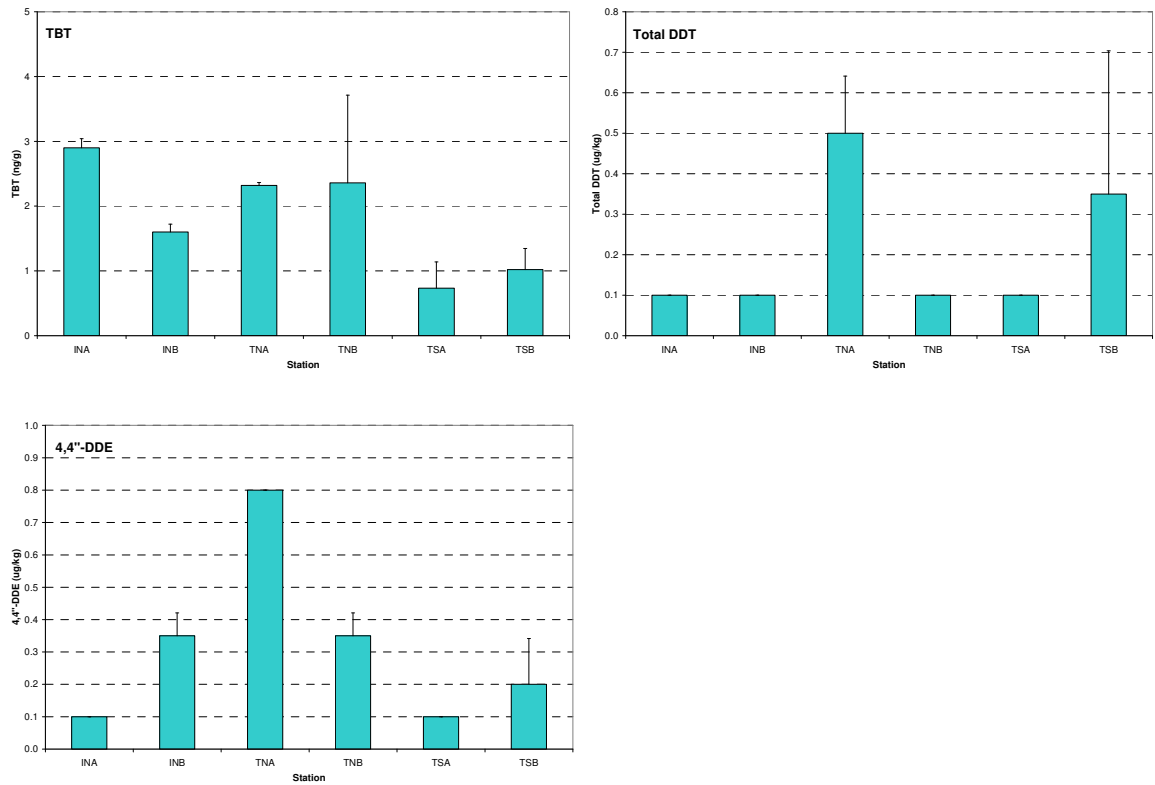


Figure 26: Levels of Organic Contaminants (mean \pm SD) in tissues of Burrowing Fish from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Total PCBs were below the limit of detection at all stations.

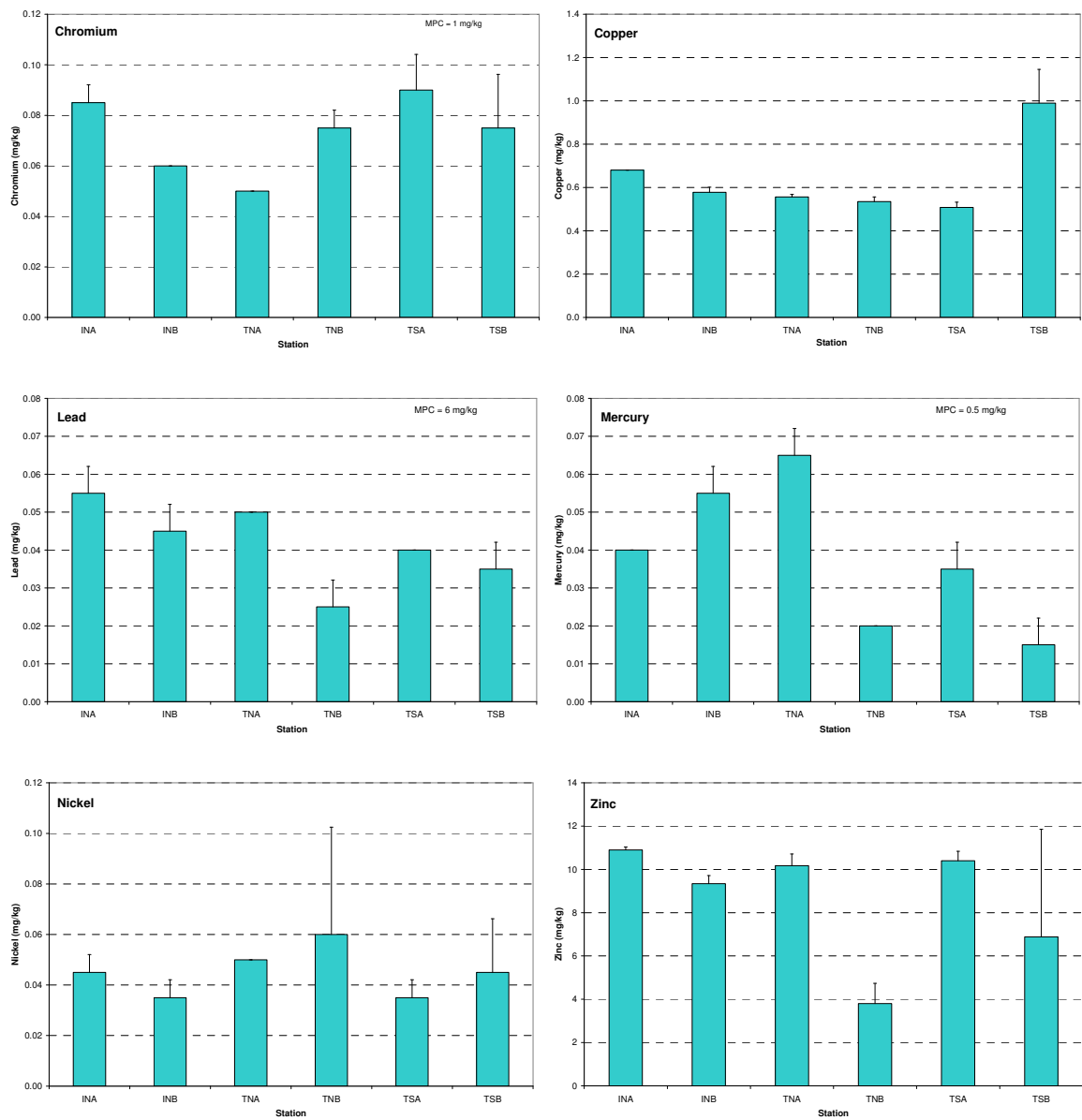


Figure 27: Levels of Metals (mean \pm SD) in tissues of Demersal/Pelagic Fish from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Inorganic Arsenic, Cadmium and Silver were below detection limits at all stations.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures

Date: 10/03/2010

**Environmental
Resources
Management**



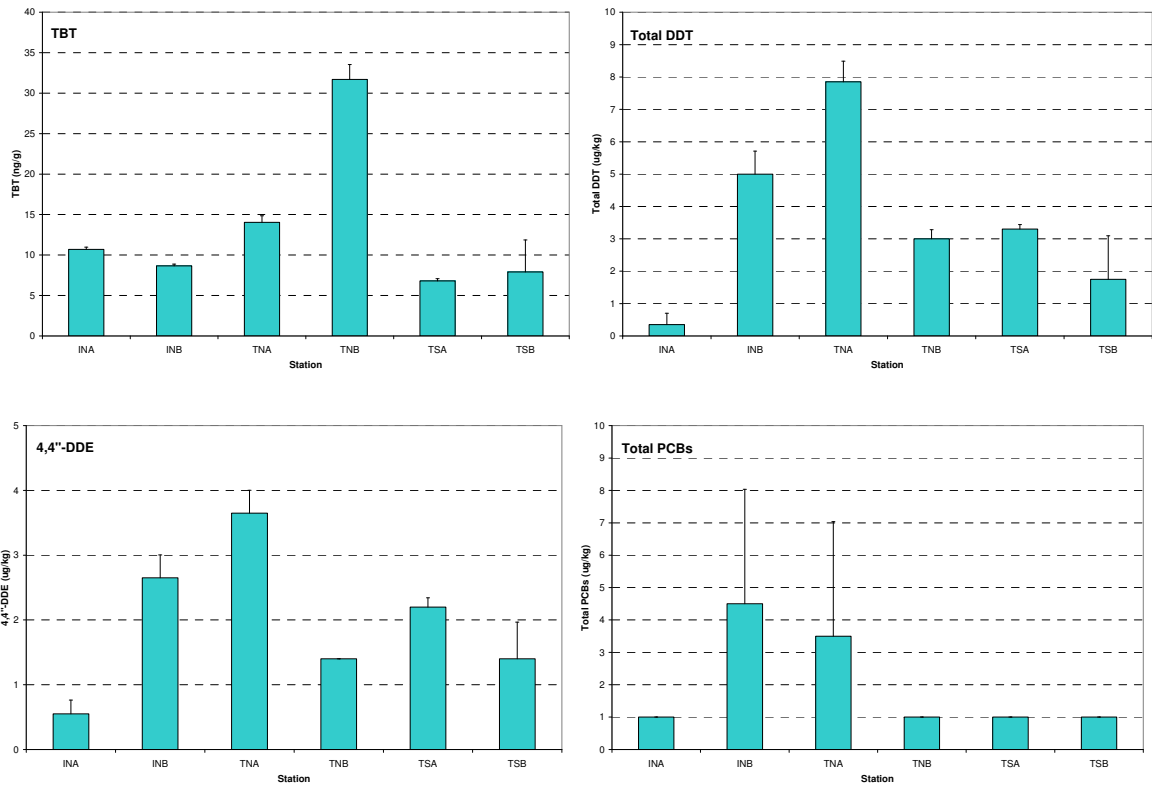


Figure 28: Levels of Organic Contaminants (mean \pm SD) in tissues of Demersal/Pelagic Fish from Demersal Trawling Monitoring during July and August 2009.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures

Date: 10/03/2010

**Environmental
Resources
Management**



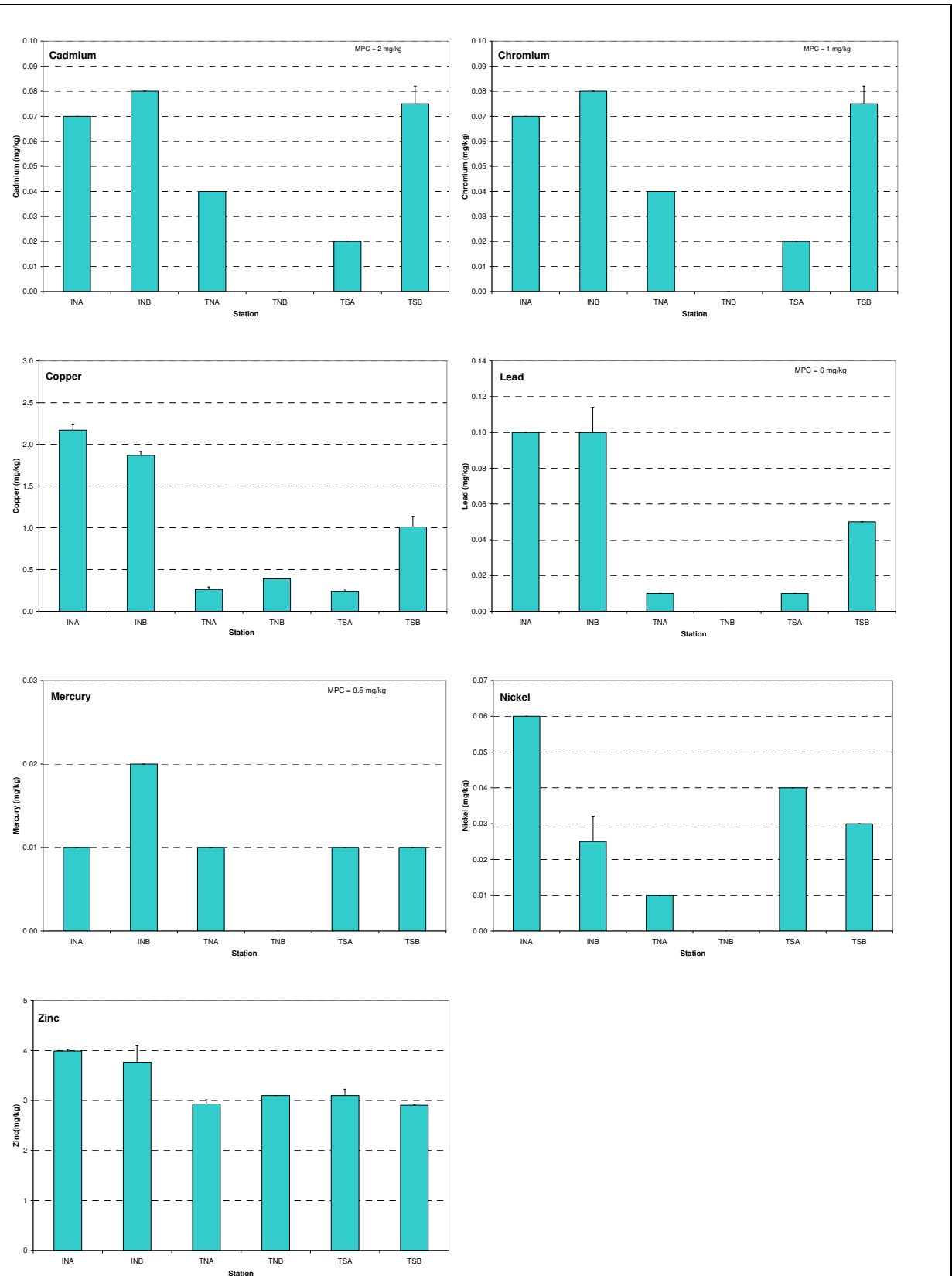


Figure 29: Levels of Metals (mean \pm SD) in tissues of Flat Fish from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Inorganic Arsenic and Silver were below the limit of detection at all stations.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures

Date: 10/03/2010

**Environmental
Resources
Management**



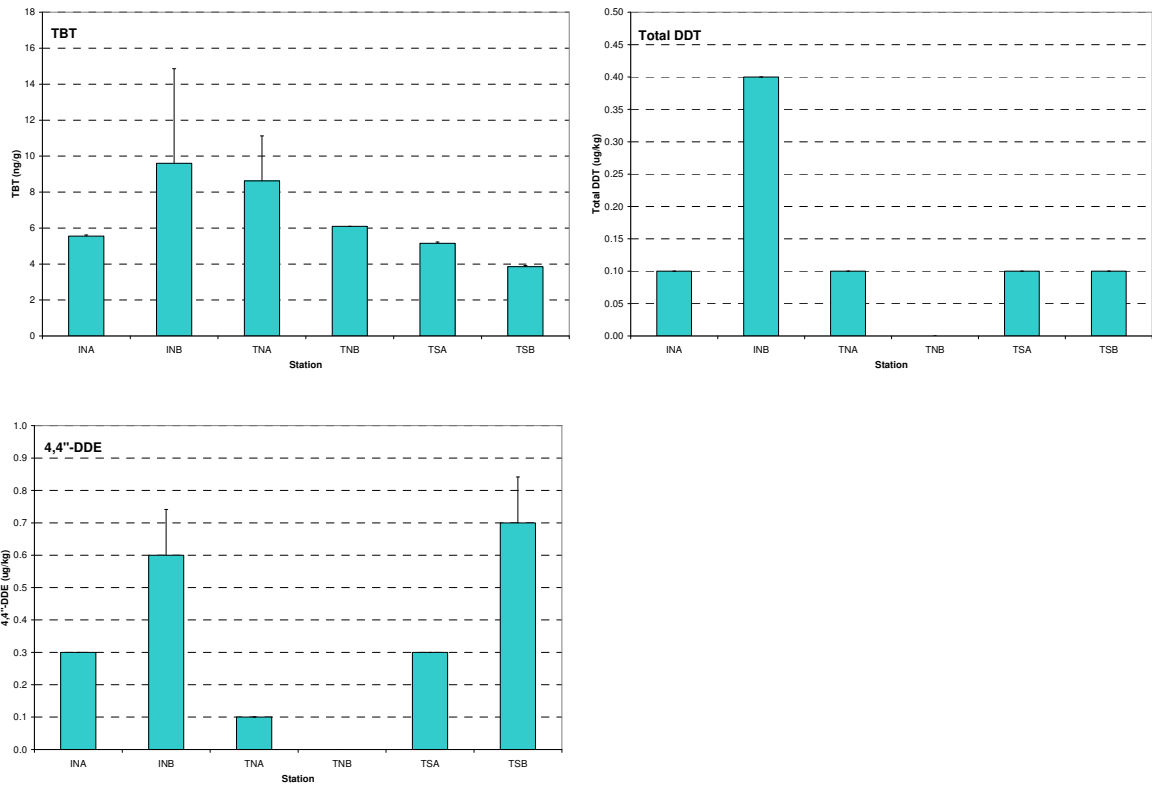


Figure 30: Levels of Organic Contaminants (mean \pm SD) in tissues of Flat Fish from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Total PCBs were below the detection limit at all stations.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures

Date: 10/03/2010

**Environmental
Resources
Management**





Figure 31: Levels of Metals (mean ± SD) in tissues of Gastropods from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Mercury were below the detection limit at all stations.

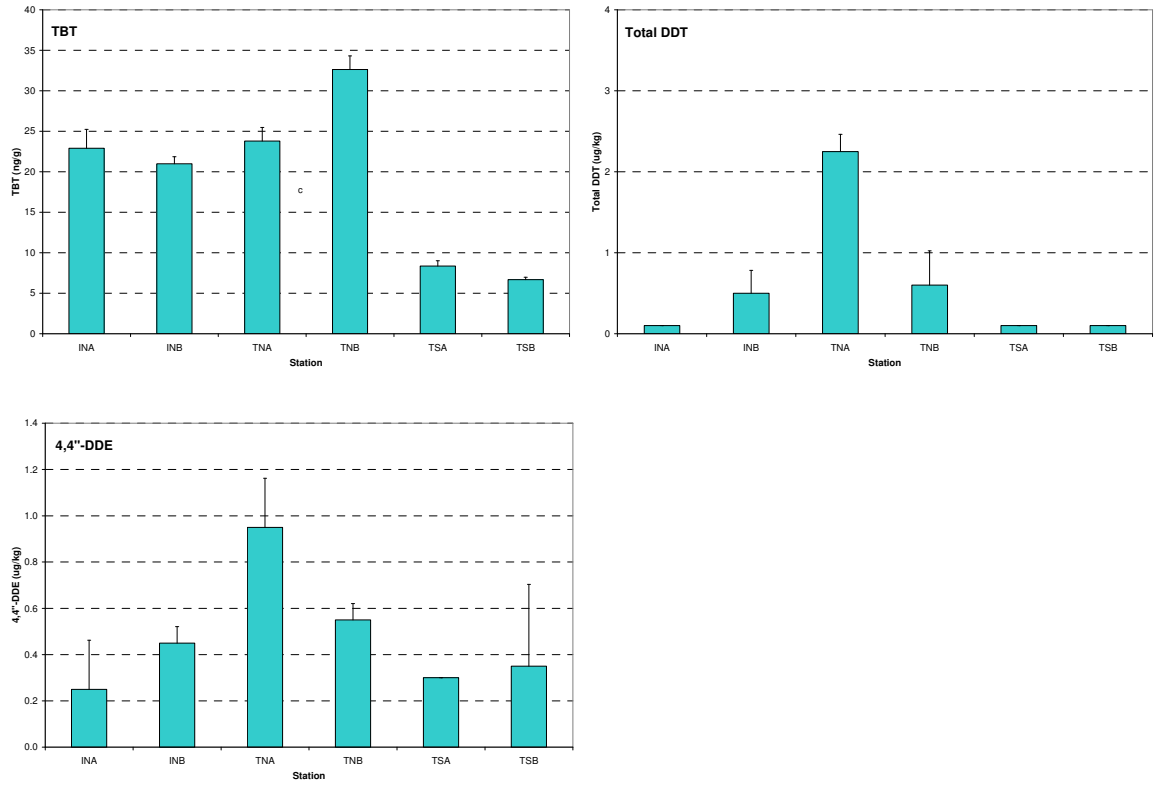


Figure 32: Levels of Organic Contaminants (mean \pm SD) in tissues of Gastropods from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Total PCBs were below the detection limit at all stations.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures

Date: 10/03/2010

**Environmental
Resources
Management**



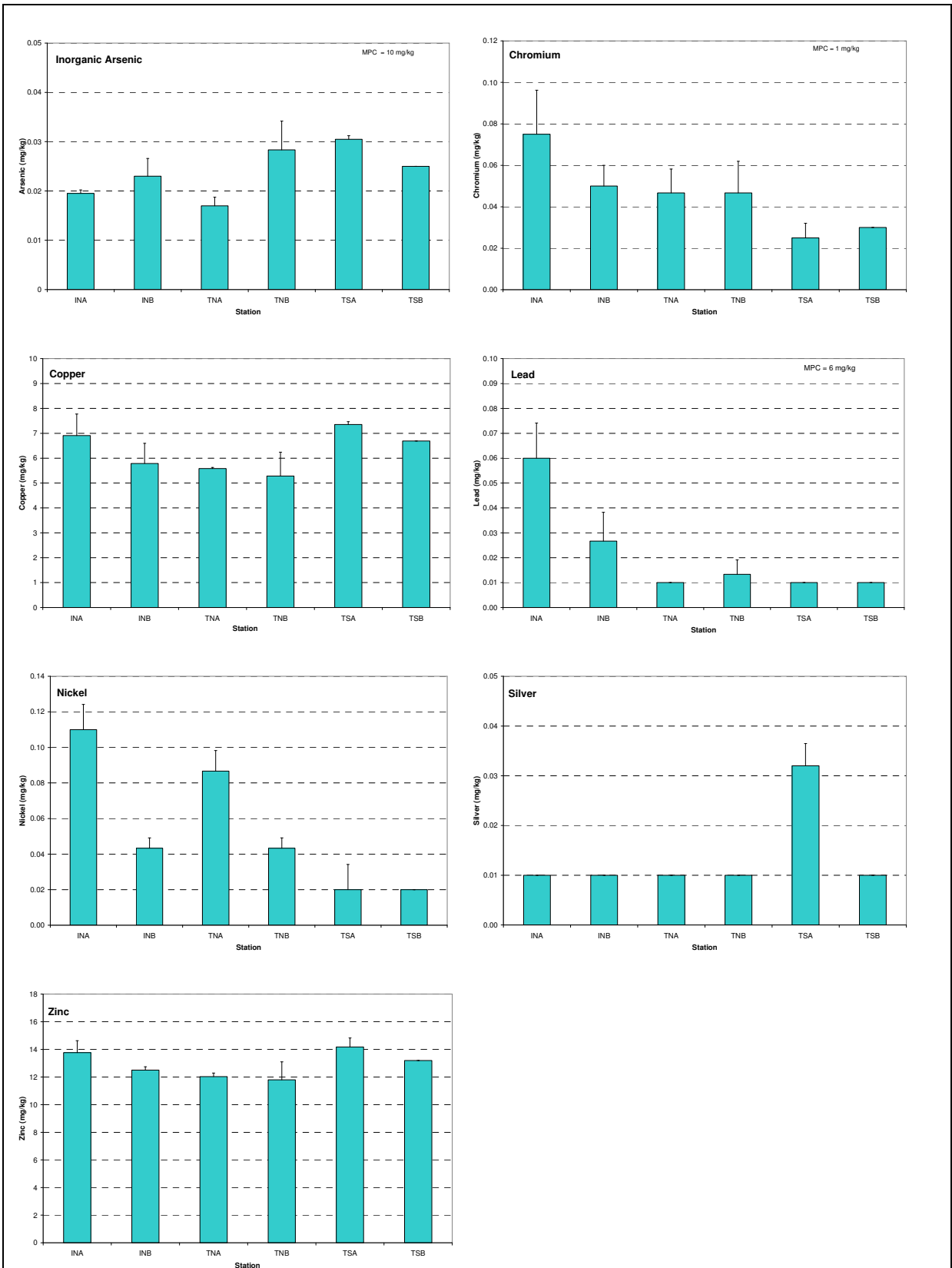


Figure 33: Levels of Metals (mean \pm SD) in tissues of Prawns from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Cadmium and Mercury were below the limit of detection at all stations.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures

Date: 10/03/2010

**Environmental
Resources
Management**



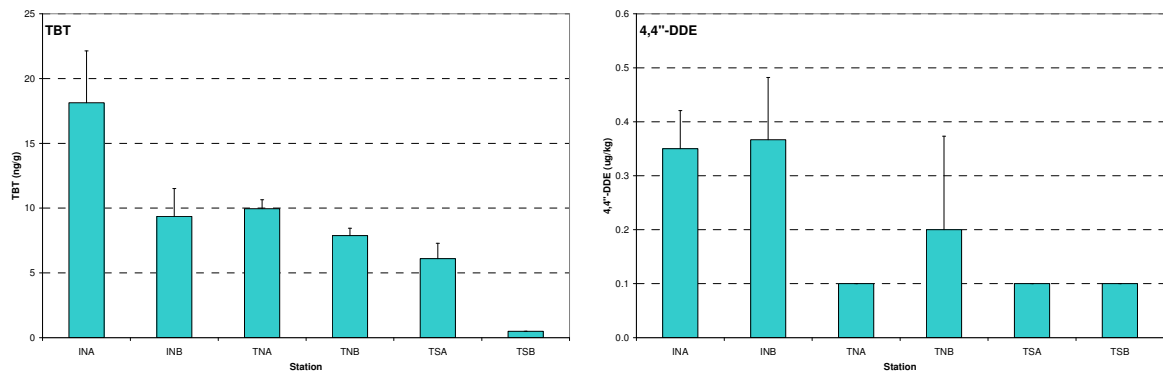


Figure 34: Levels of Organic Contaminants (mean \pm SD) in tissues of Prawns from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Total DDT and Total PCB were below the limit of detection at all stations.

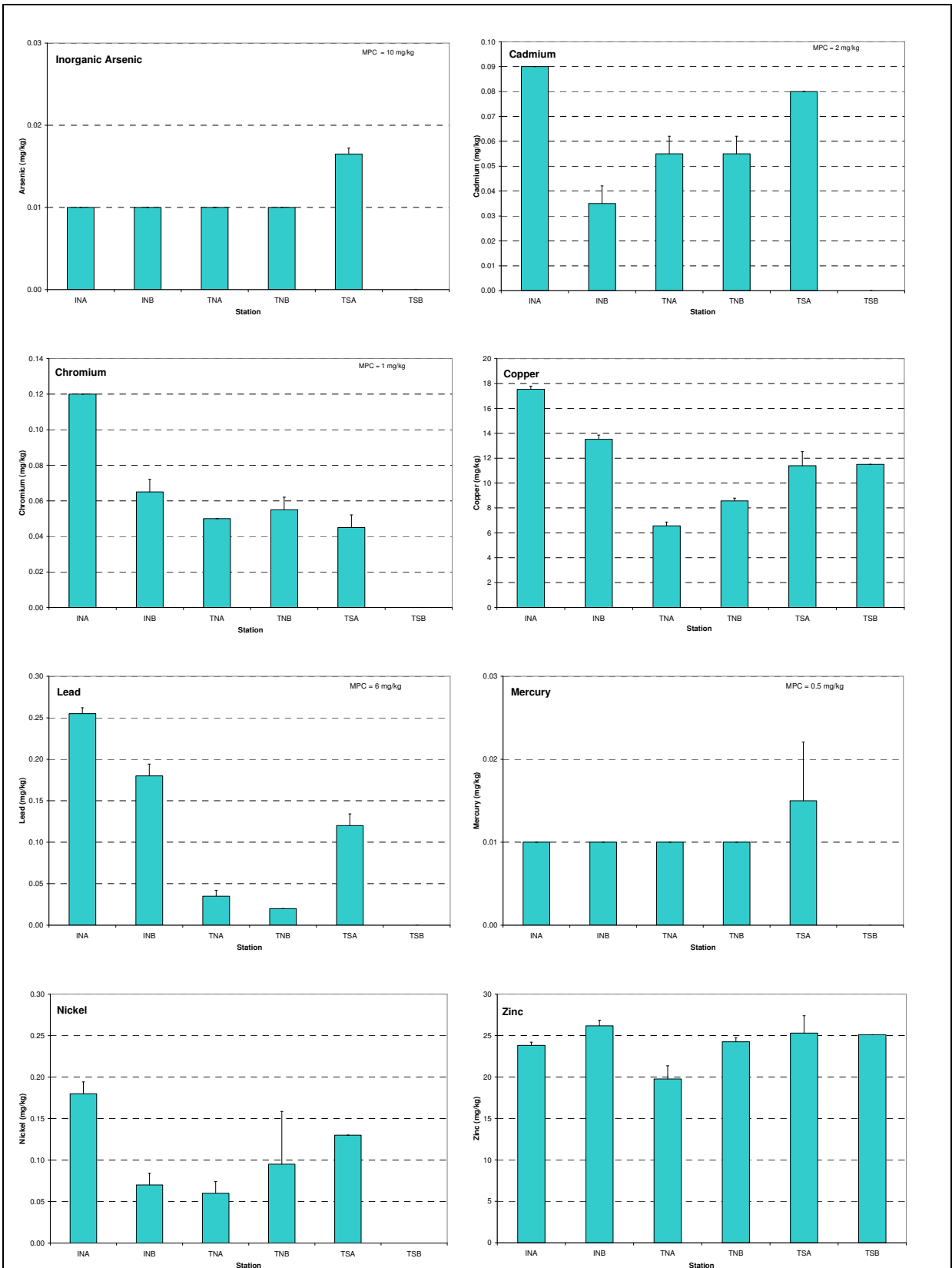


Figure 35: Levels of Metals (mean ± SD) in tissues of Swimming Crab from Demersal Trawling Monitoring during July and August 2009. Note: Sufficient samples for all analyses were not collected from station TSB.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures

Date: 10/03/2010

**Environmental
Resources
Management**



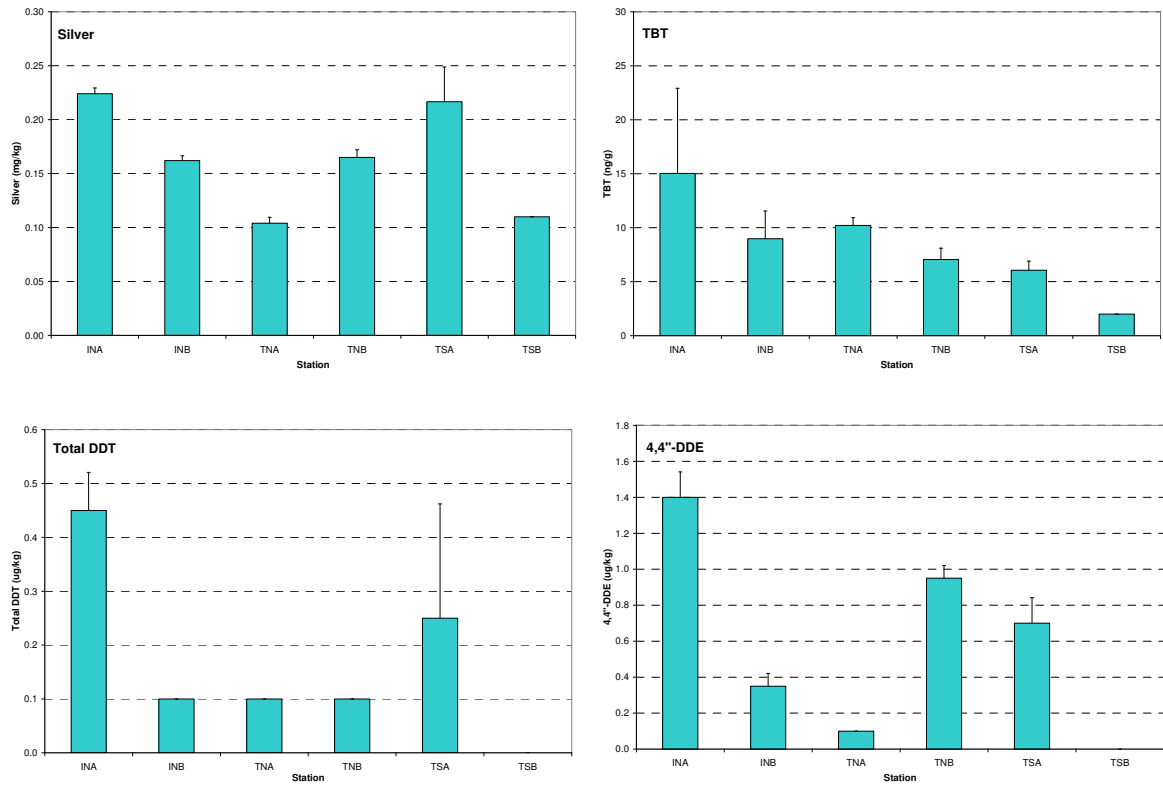


Figure 36: Levels of Silver and Organic Contaminants (mean \pm SD) in tissues of Swimming Crab from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Total PCBs were below the limit of detection at all stations and sufficient samples for all analyses were not collected from station TSB.

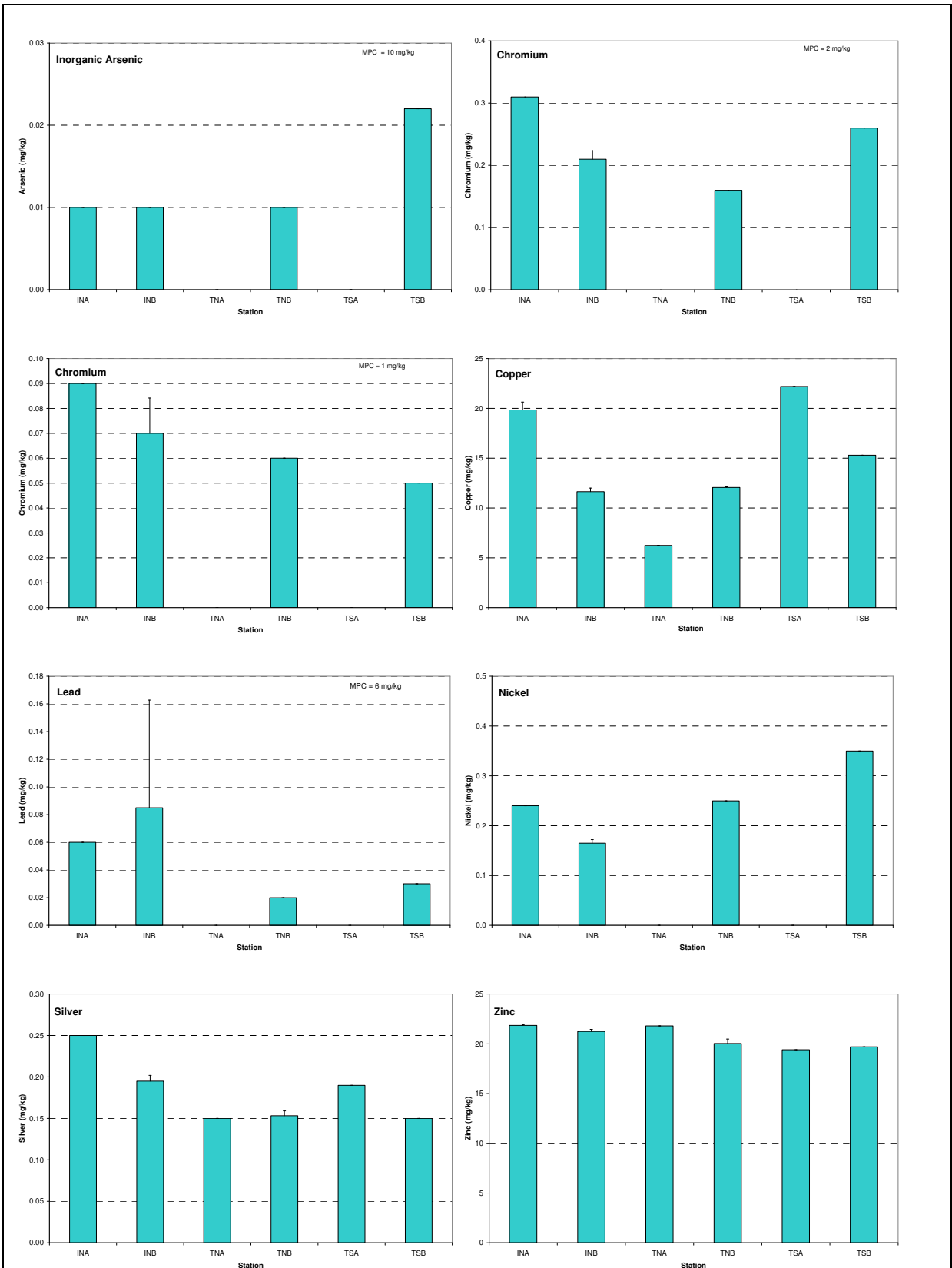


Figure 37: Levels of Metals (mean ± SD) in tissues of Mantis Shrimp from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Mercury were below the limit of detection at all stations and sufficient samples were not collected from stations TNA and TSA for all analyses.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures

Date: 10/03/2010

Environmental Resources Management



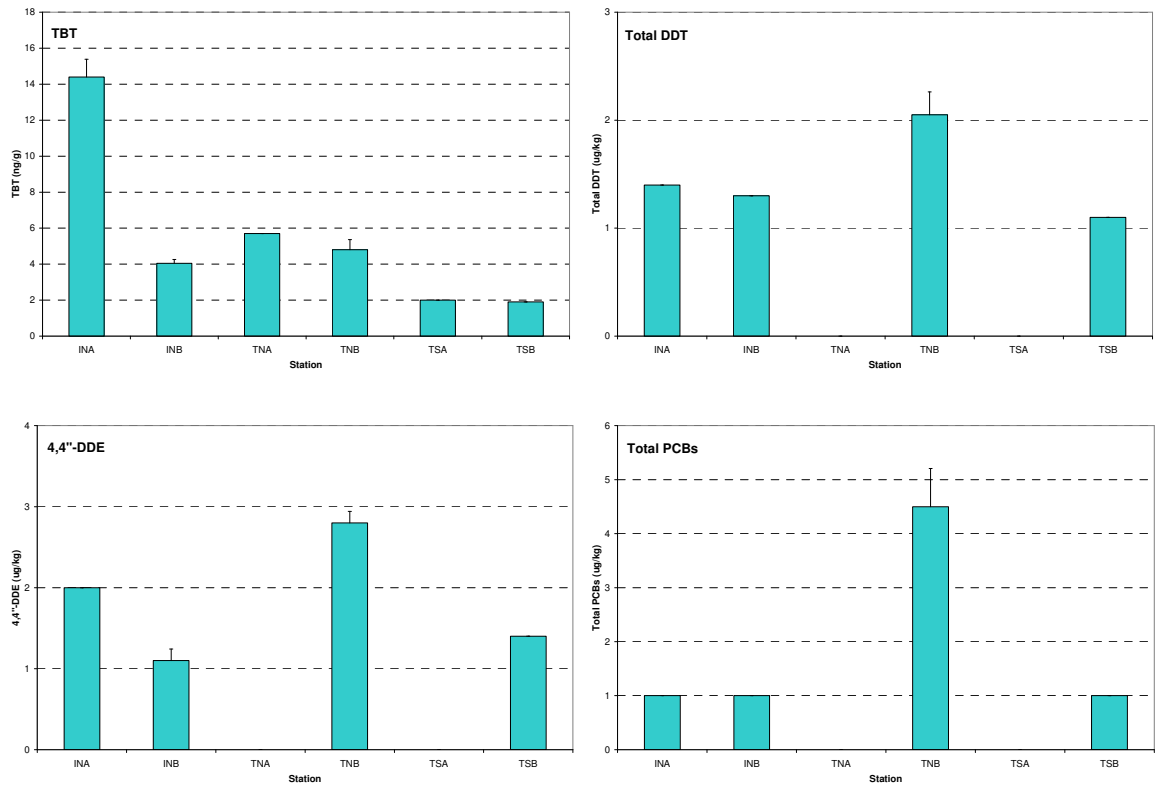


Figure 38: Levels of Organic Contaminants (mean \pm SD) in tissues of Mantis Shrimp from Demersal Trawling Monitoring during July and August 2009. Note: Sufficient samples were not collected from station TNA and TSA for all analyses.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures

Date: 11/03/2010

**Environmental
Resources
Management**





Figure 39: Levels of Metals (mean ± SD) in whole body samples of Mantis Shrimp from Demersal Trawling Monitoring during July and August 2009.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures

Date: 11/03/2010

Environmental Resources Management



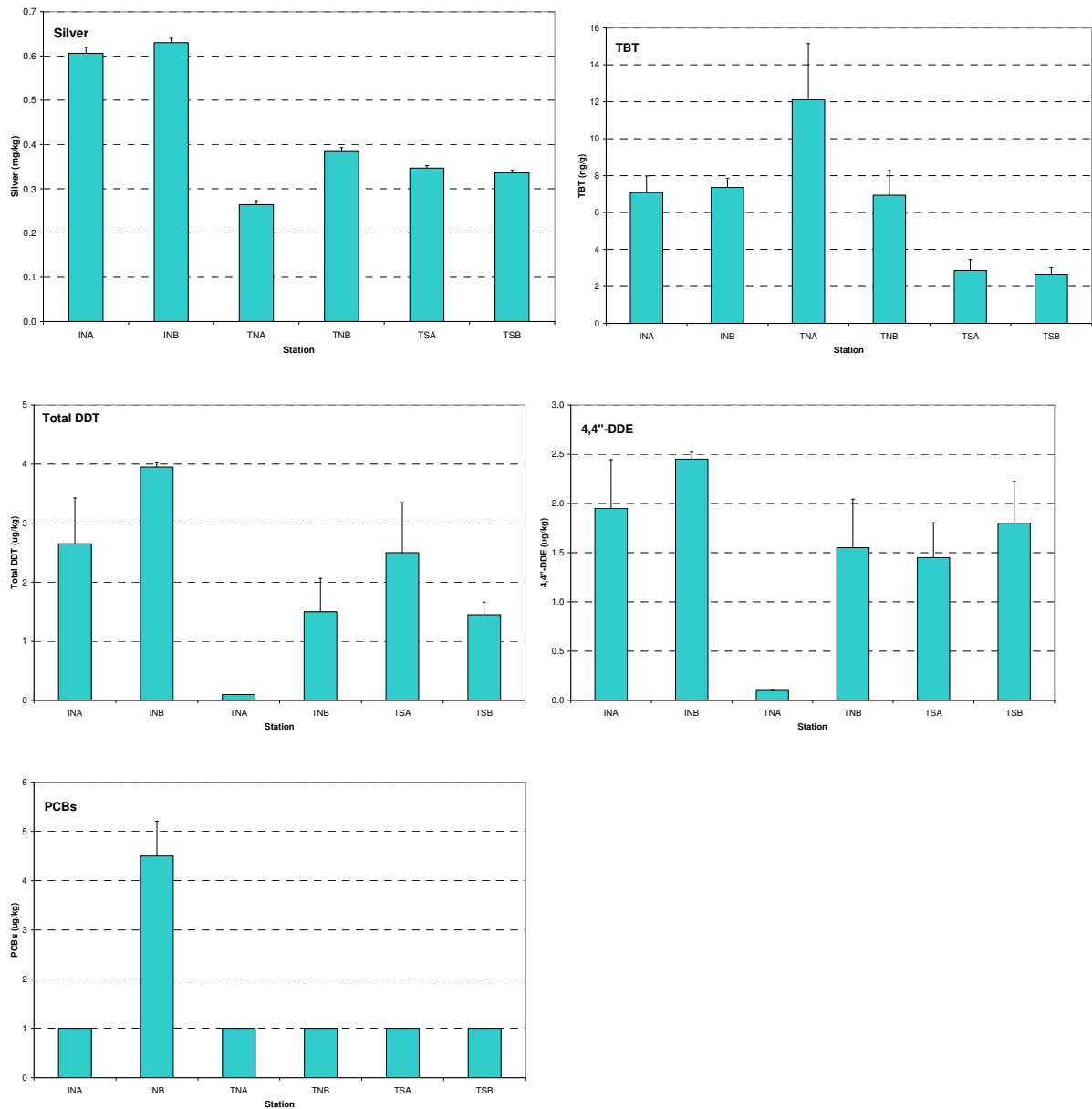


Figure 40: Levels of Silver and Organic Contaminants (mean \pm SD) in the whole body samples of Mantis Shrimp from Demersal Trawling Monitoring during July and August 2009.



Figure 41: Levels of Metals (mean ± SD) in whole body samples of Prawns from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Mercury were below the limit of detection at all stations.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures

Date: 11/03/2010

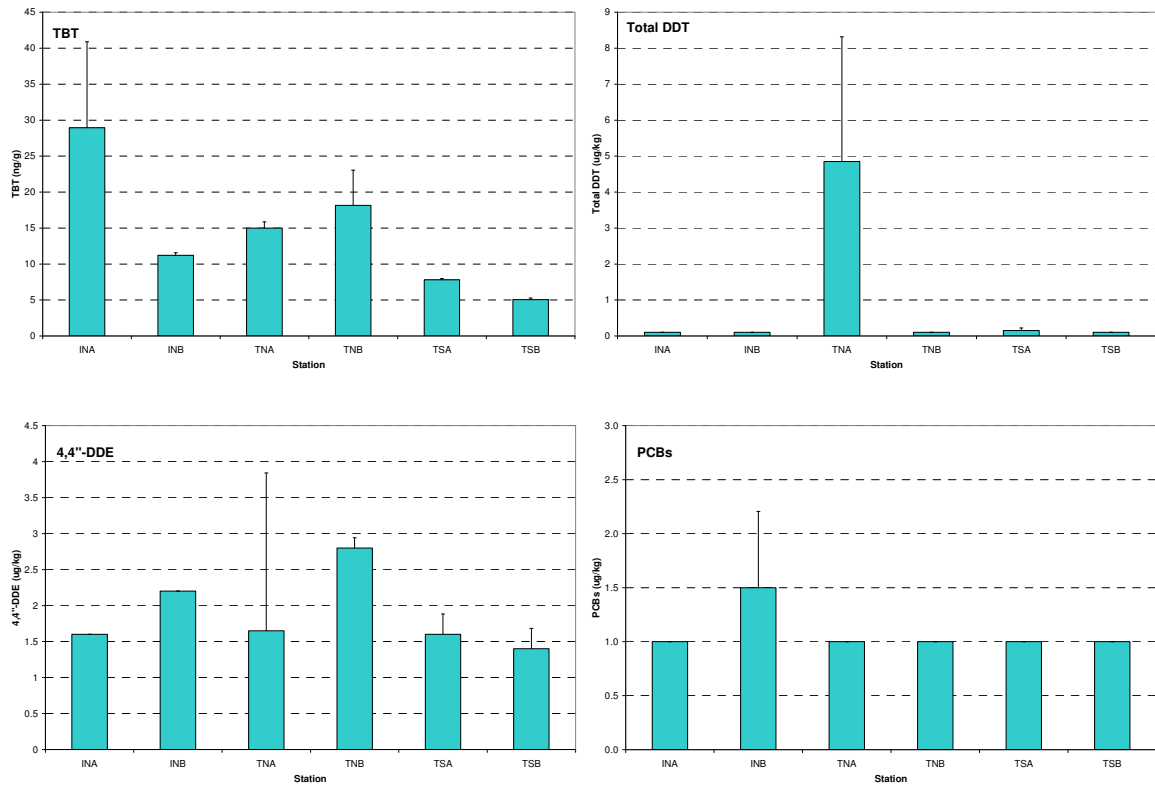


Figure 42: Levels of Organic Contaminants (mean \pm SD) in the whole body samples of Prawns from Demersal Trawling Monitoring during July and August 2009.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures

Date: 11/03/2010

**Environmental
Resources
Management**



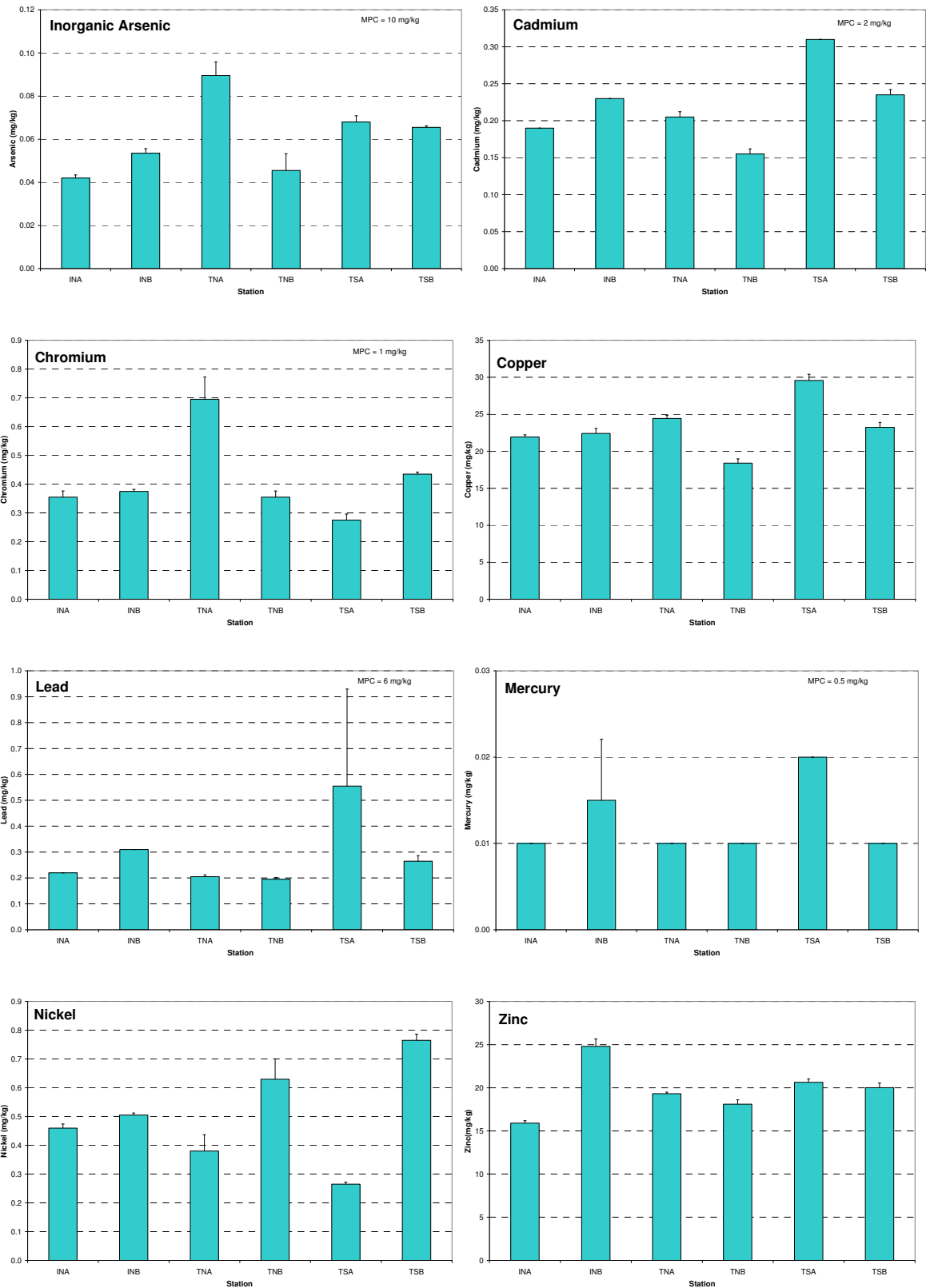


Figure 43: Levels of Metals (mean \pm SD) in whole body samples of Non-commercial Crabs from Demersal Trawling Monitoring during July and August 2009.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures

Date: 11/03/2010

**Environmental
Resources
Management**



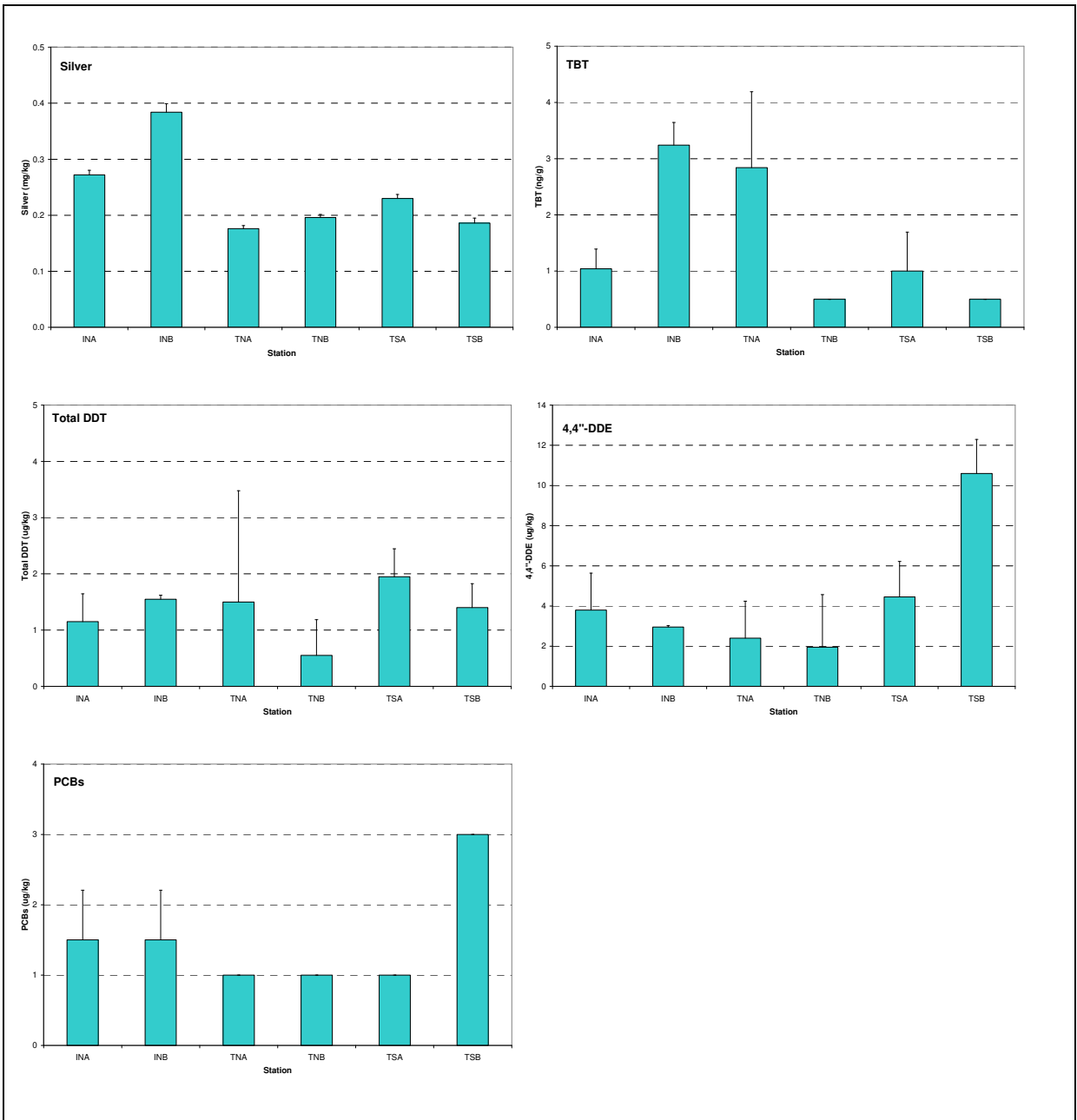


Figure 44: Levels of Silver and Organic Contaminants (mean \pm SD) in the whole body samples of Swimming Crabs from Demersal Trawling Monitoring during July and August 2009.



Figure 45: Levels of Metals (mean ± SD) in whole body samples of Demersal/Pelagic Fish from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Cadmium and Silver were below the limit of detection at all stations.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.6 Demersal Trawling & Biota Analyses\Wet Season 2009 Biota Contaminant\Figures

Date: 11/03/2010

Environmental Resources Management



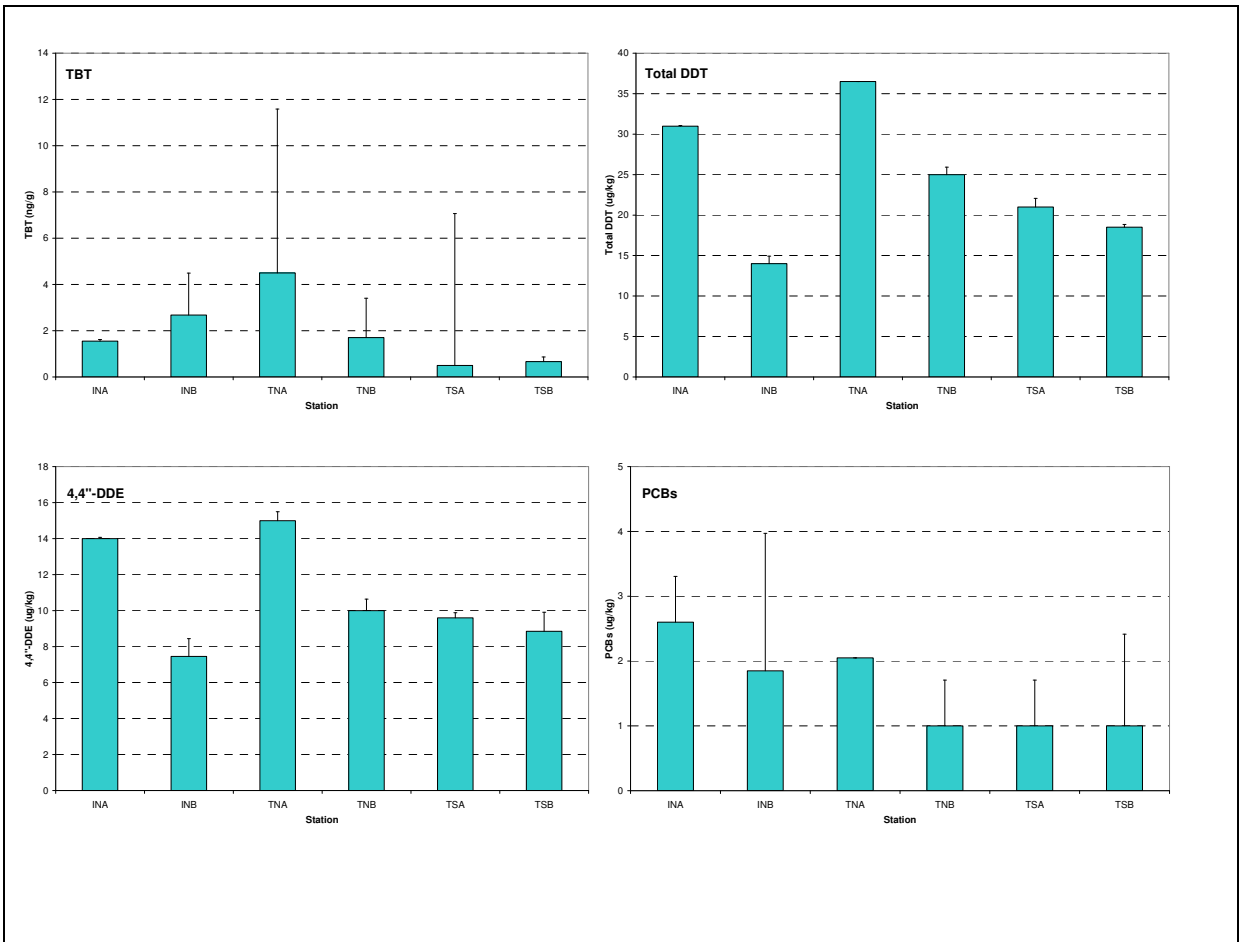


Figure 46: Levels of Organic Contaminants (mean ± SD) in the whole body samples of Demersal/Pelagic Fish from Demersal Trawling Monitoring during July and August 2009.

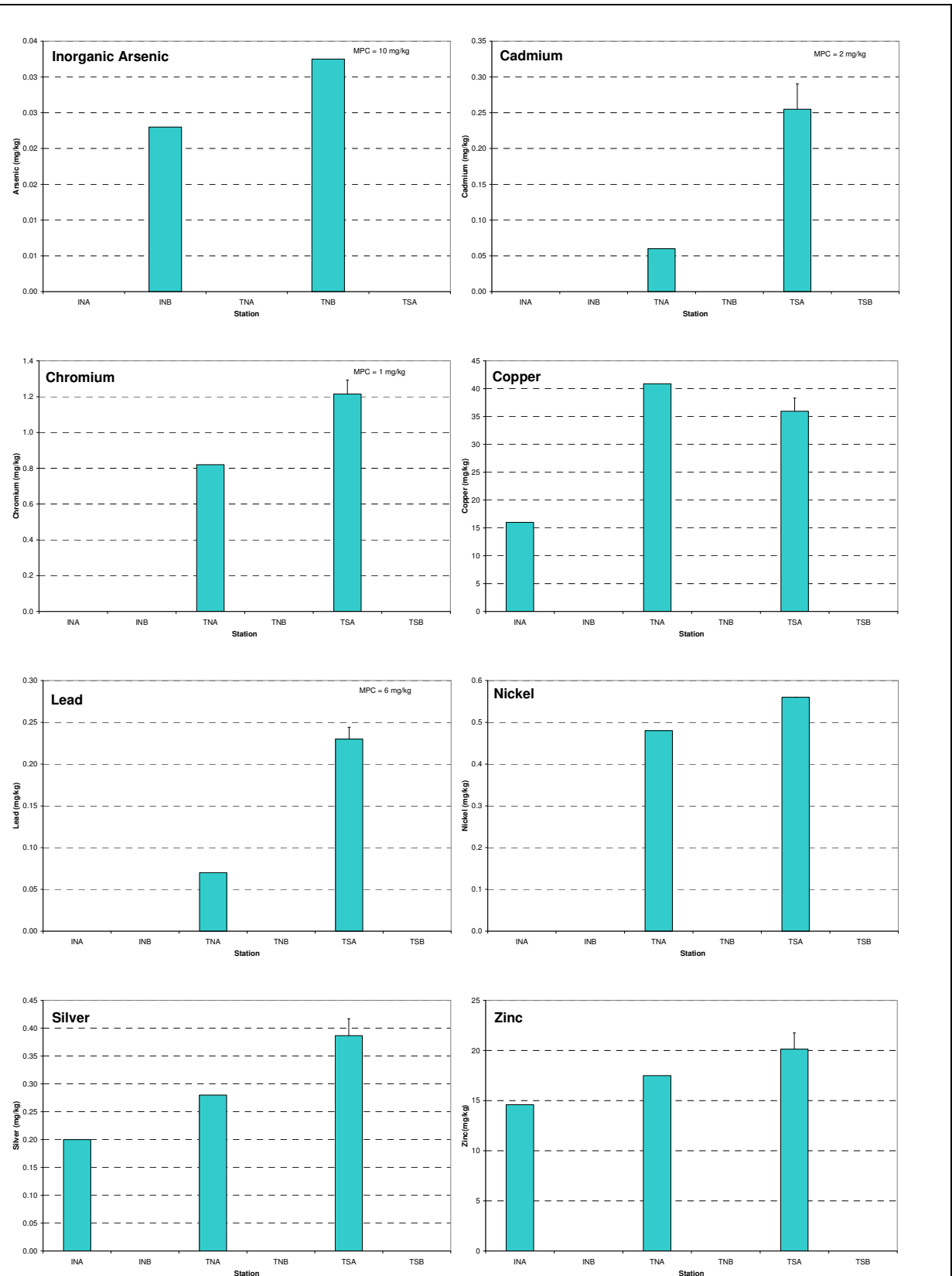


Figure 47: Levels of Metals (mean \pm SD) in whole body samples of Cephalopods from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Mercury were below the limit of detection at all stations and sufficient samples for all analyses were not collected from stations INB, TNB and TSB.

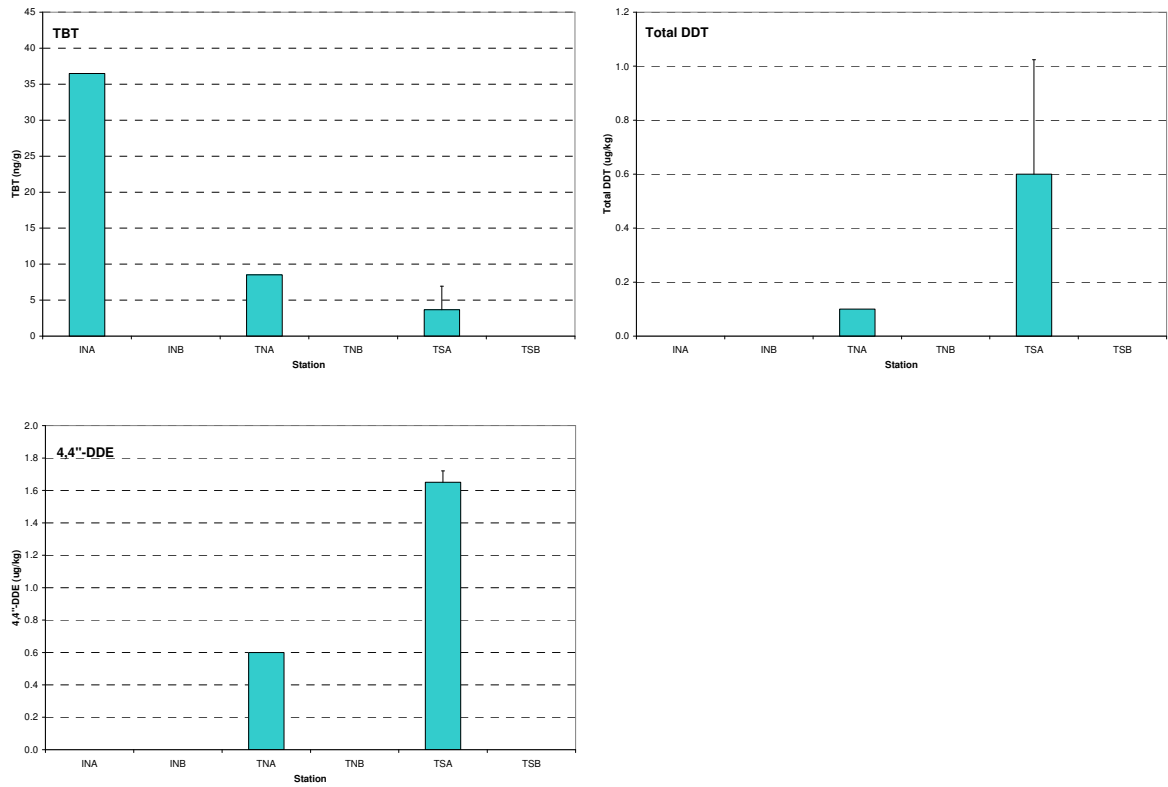


Figure 48: Levels of Organic Contaminants (mean \pm SD) in the whole body samples of Cephalopods from Demersal Trawling Monitoring during July and August 2009. Note: Concentrations of Total PCB were below the limit of detection at all stations and sufficient samples for all analyses were not collected from stations INA, INB, TNB and TSB.

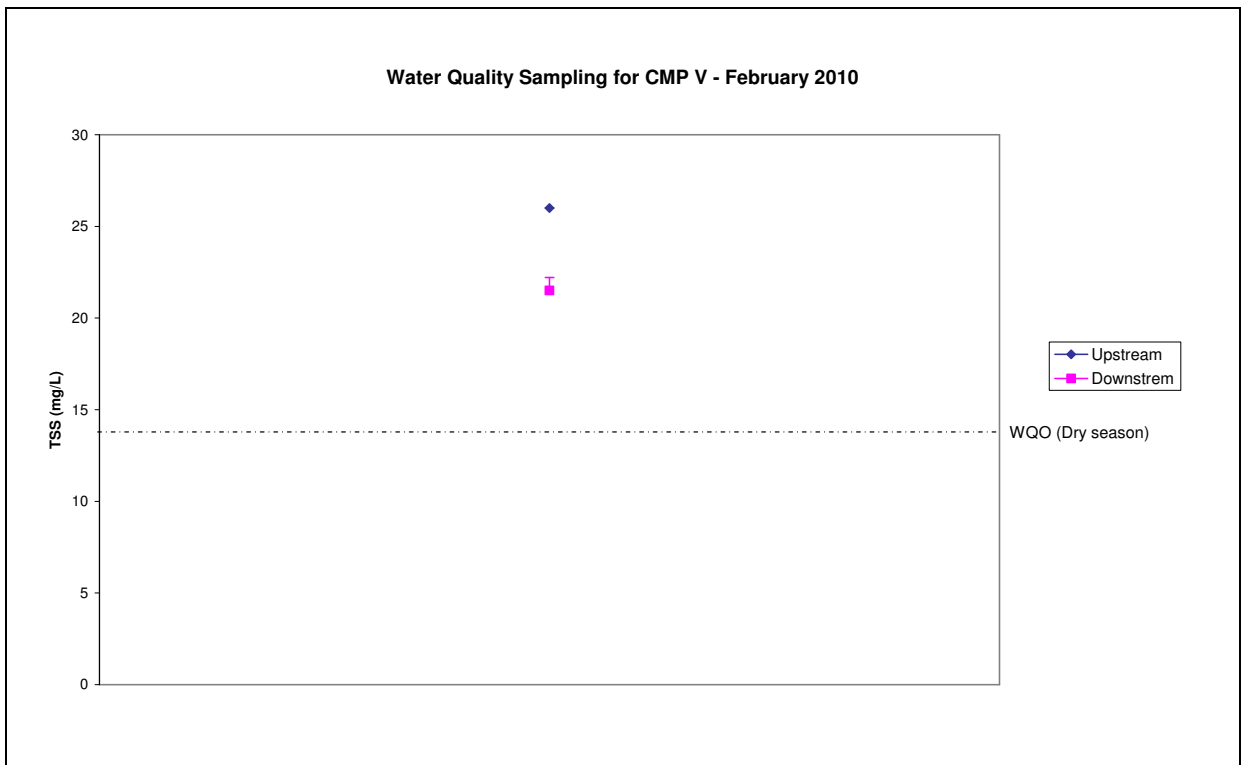


Figure 49: Levels of Total Suspended Solids (mean + SD) during Water Column Profiling for CMP V in February 2010.

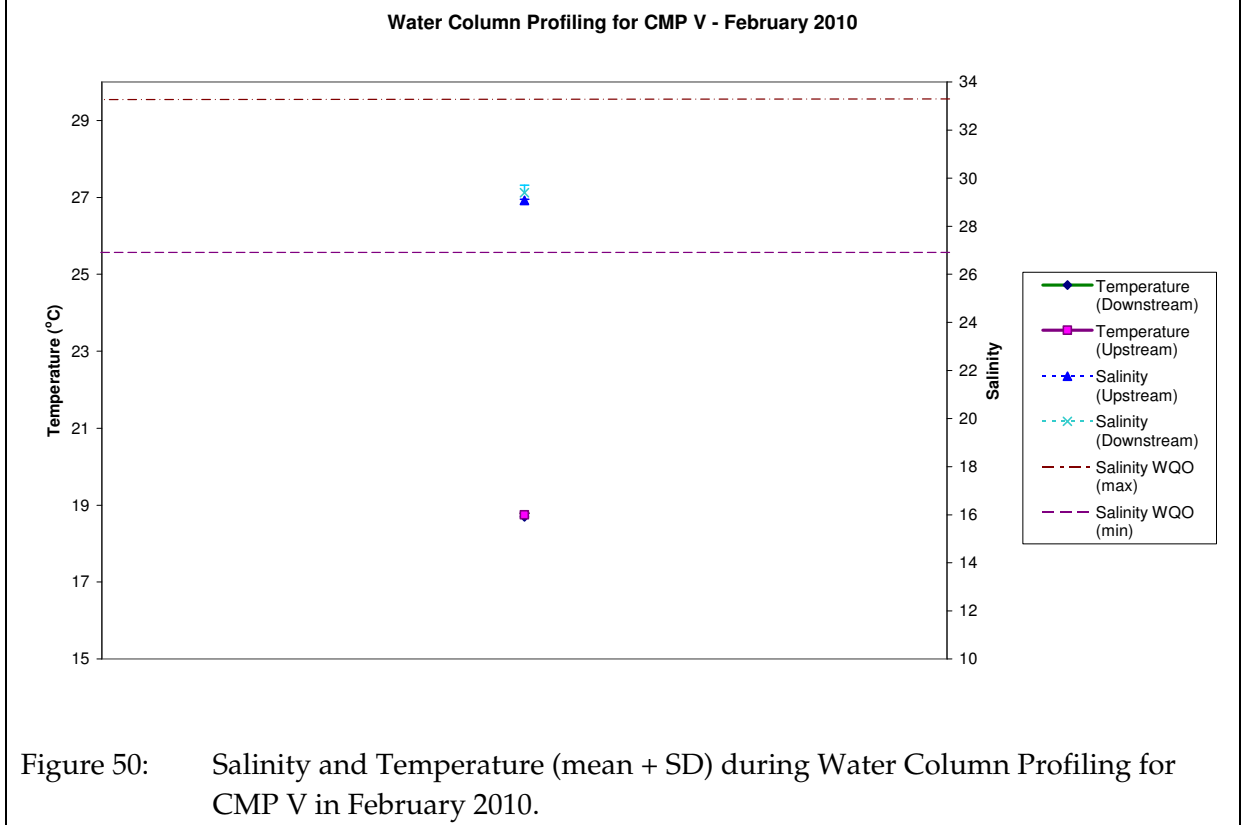


Figure 50: Salinity and Temperature (mean + SD) during Water Column Profiling for CMP V in February 2010.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06. 12 Water Column Profiling CMP V\Feb 2010
 Date: 11/03/2010

Environmental Resources Management



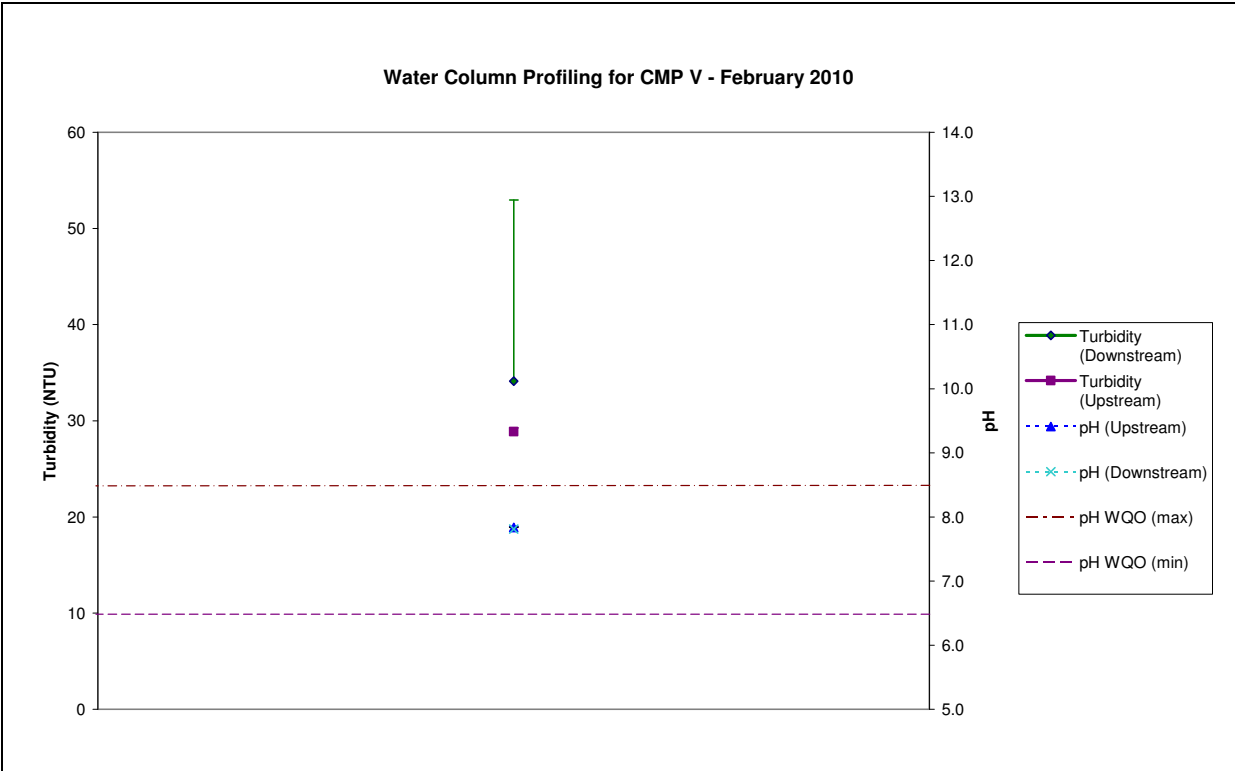


Figure 51: Turbidity and pH (mean + SD) during Water Column Profiling for CMP V in February 2010.

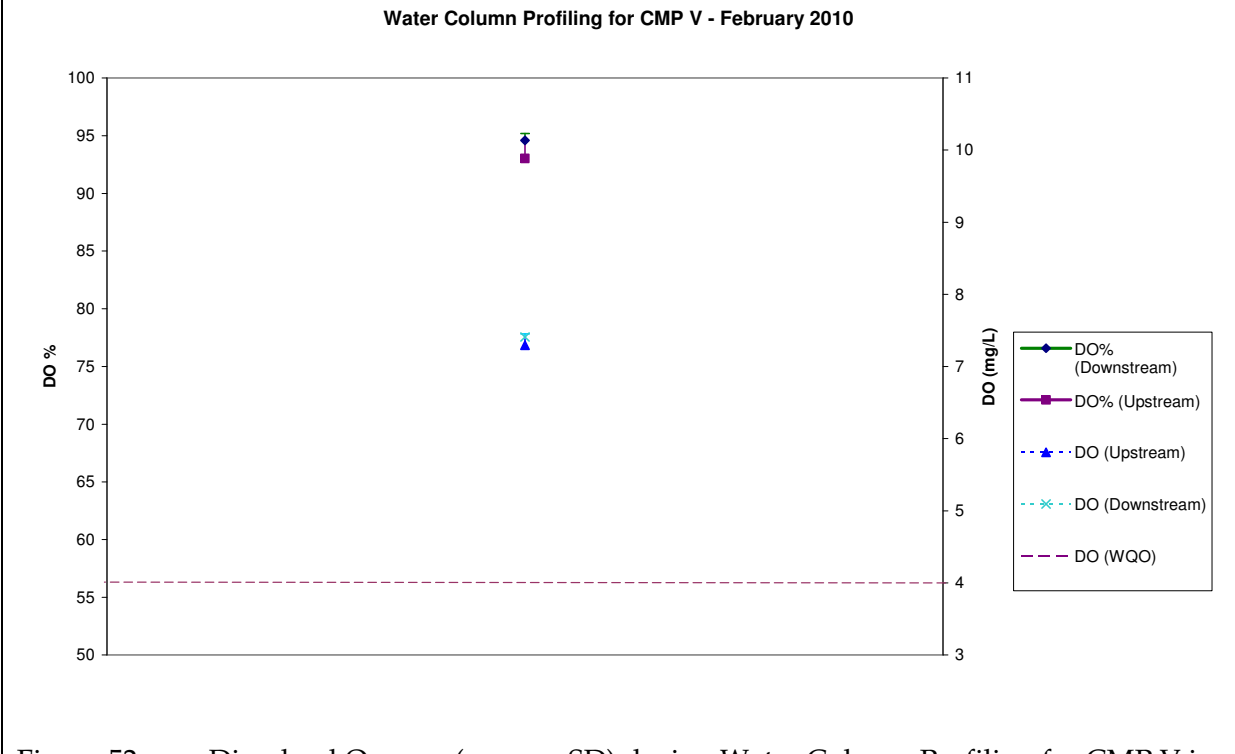


Figure 52: Dissolved Oxygen (mean + SD) during Water Column Profiling for CMP V in February 2010.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06. 12 Water Column Profiling CMP V\Feb 2010
 Date: 11/03/2010

Environmental Resources Management



Impact Monitoring during Dredging for CMP V – 3 February 2010

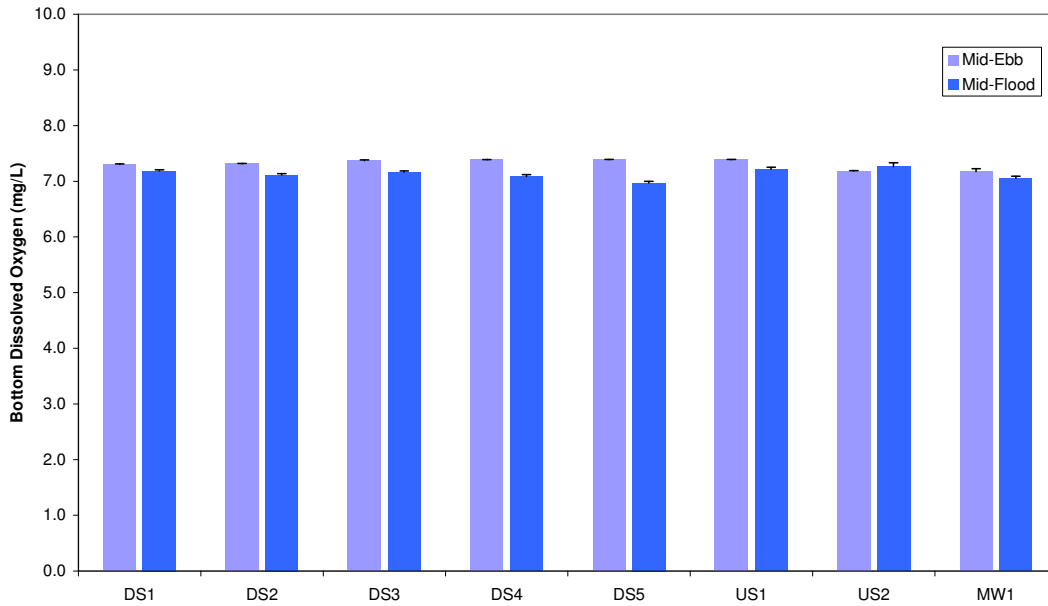


Figure 53: Bottom DO level (mean + SD) at Downstream (DS1, DS2, DS3, DS4 and DS5 stations), Upstream (US1 and US2 stations) and Ma Wan (MW1 station) during Impact Monitoring for Dredging on 3 February 2010.

Impact Monitoring during Dredging for CMP V – 3 February 2010

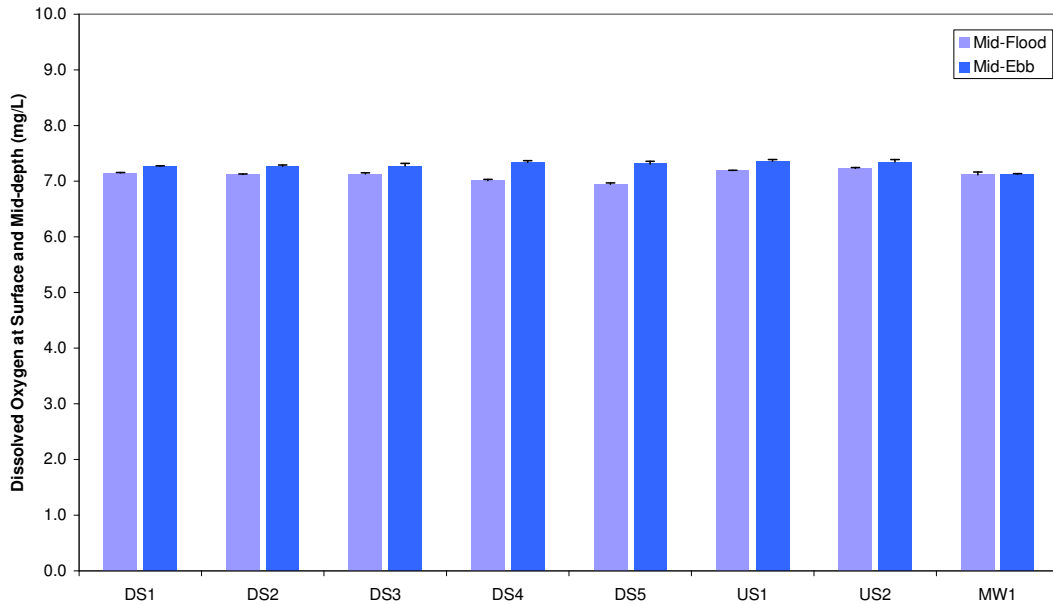


Figure 54: DO Level at Surface and Mid-depth (mean + SD) at Downstream (DS1, DS2, DS3, DS4 and DS5 stations), Upstream (US1 and US2 stations) and Ma Wan (MW1 station) during Impact Monitoring for Dredging on 3 February 2010.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.2 Impact Monitoring during Dredging\Feb 2010

Date: 11/03/2010

Environmental
Resources
Management



Impact Monitoring during Dredging for CMP V – 3 February 2010

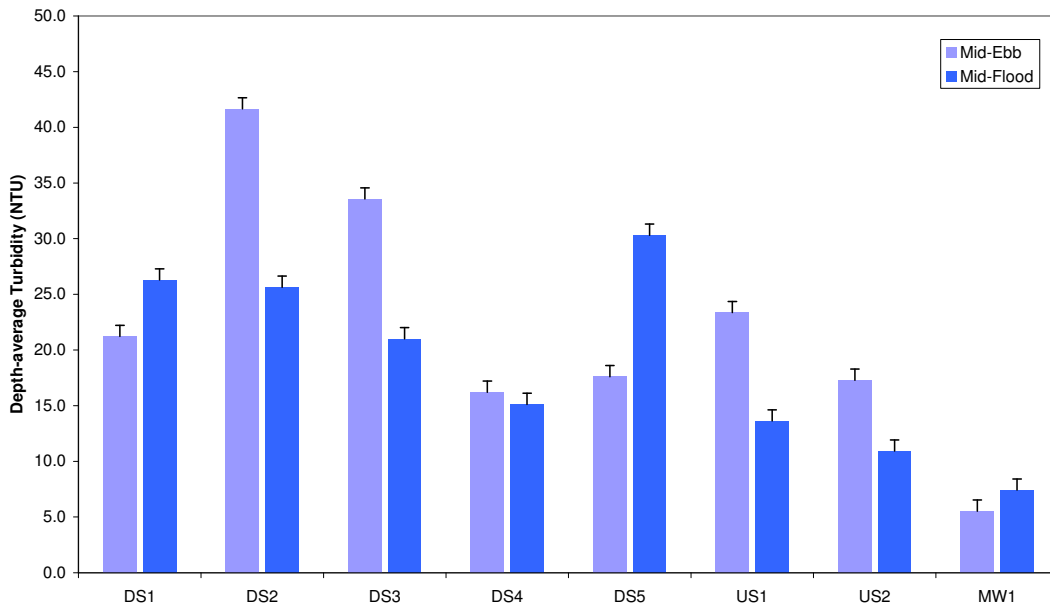


Figure 55: Depth-average Turbidity (mean + SD) at Downstream (DS1, DS2, DS3, DS4 and DS5 stations), Upstream (US1 and US2 stations) and Ma Wan (MW1 station) during Impact Monitoring for Dredging on 3 February 2010.

Impact Monitoring during Dredging for CMP V – 3 February 2010

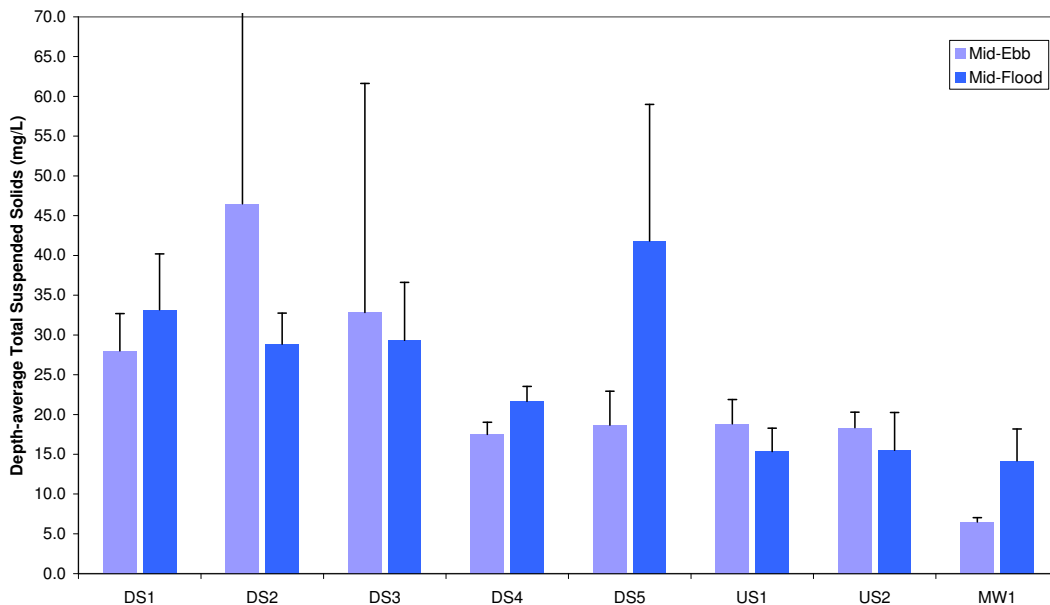


Figure 56: Depth-average Total Suspended Solids (mean + SD) at Downstream (DS1, DS2, DS3, DS4 and DS5), Upstream (US1 and US2) and Ma Wan (MW1) stations during Impact Monitoring for Dredging on 3 February 2010.

Source: H:\Team\EM\GMS Projects\0103262 CEDD EM&A for CMP at Sha Chau (2009 - 2013)\06 Contract Submission (LAM)\06.2 Impact Monitoring during Dredging\Feb 2010

Date: 11/03/2010

**Environmental
Resources
Management**



Table B1: Impact Water Quality Monitoring for Dredging Activities during Mid-ebb Tide for 3 February 2010

Station	Downstream (Impact)		
Time (hh:mm)	15:09 - 15:49		
Monitoring Depth (m)	Depth Average	Surface and Middle	Bottom
D.O. (mg/L)	N/A	7.33	7.28
Turbidity (NTU)	26.05	N/A	N/A
SS (mg/L)	28.70	N/A	N/A
Remarks	Dredging works were observed.		

Station	Upstream (Reference)		
Time (hh:mm)	14:50 - 15:02		
Monitoring Depth (m)	Depth Average	Surface and Middle	Bottom
D.O. (mg/L)	N/A	6.57	7.4
Turbidity (NTU)	20.33	N/A	N/A
SS (mg/L)	18.58	N/A	N/A
Remarks	Dredging works were observed.		

Station	Ma Wan		
Time (hh:mm)	16:37 - 16:49		
Monitoring Depth (m)	Depth Average	Surface and Middle	Bottom
D.O. (mg/L)	N/A	7.15	7.13
Turbidity (NTU)	5.53	N/A	N/A
SS (mg/L)	6.50	N/A	N/A
Remarks			

Compliance with Action and Limit Levels

Parameter	Action Level		Limit Level		Mean Value at Impact Stations	Mean Value at Reference Stations	Compliance with Action level	Compliance with Limit Level
	Impact Stations	Comparison between I and R ^(a)	Mean Value at Impact Stations	Comparison between I and R ^(a)				
DO (Bottom)	< 2.96	R significantly greater than I (t-test, p < 0.05)	< 2.00	R significantly greater than I (t-test, p < 0.05)	7.28	7.36	Y	Y
DO (Surface and Mid Depth)	< 3.76	R significantly similar to I (t-test, p > 0.05)	< 3.11	R significantly similar to I (t-test, p > 0.05)	7.33	6.57	Y	Y
Turbidity (Depth-averaged)	> 28.14	I ≥ 1.2 R (24.39)	> 38.32	I < 1.3 R (26.42)	26.05	20.33	Y	Y
SS (Depth-averaged)	> 37.88	I ≥ 1.2 R (22.30)	> 61.92	I ≥ 1.3 R (24.16)	28.70	18.58	Y	Y

Note: (a) I = Impact; R = Reference Stations

Table B2: Impact Water Quality Monitoring for Dredging Activities during Mid-flood Tide for 3 February 2010

Station	Downstream (Impact)		
Time (hh:mm)	10:27 - 11:19		
Monitoring Depth (m)	Depth Average	Surface and Middle	Bottom
D.O. (mg/L)	N/A	7.07	7.10
Turbidity (NTU)	23.67	N/A	N/A
SS (mg/L)	30.97	N/A	N/A
Remarks	Dredging works were observed.		

Station	Upstream (Reference)		
Time (hh:mm)	10:03 - 10:17		
Monitoring Depth (m)	Depth Average	Surface and Middle	Bottom
D.O. (mg/L)	N/A	7.21	7.2
Turbidity (NTU)	12.28	N/A	N/A
SS (mg/L)	15.42	N/A	N/A
Remarks	Dredging works were observed.		

Station	Ma Wan		
Time (hh:mm)	08:34 - 09:39		
Monitoring Depth (m)	Depth Average	Surface and Middle	Bottom
D.O. (mg/L)	N/A	7.12	7.05
Turbidity (NTU)	7.42	N/A	N/A
SS (mg/L)	14.17	N/A	N/A
Remarks			

Compliance with Action and Limit Levels

Parameter	Action Level		Limit Level		Mean Value at Impact Stations	Mean Value at Reference Stations	Compliance with Action level	Compliance with Limit Level
	Mean Value at Impact Stations	Comparison between I and R ^(a)	Mean Value at Impact Stations	Comparison between I and R ^(a)				
DO (Bottom)	< 2.96	R significantly greater than I (t-test, p < 0.05)	< 2.00	R significantly greater than I (t-test, p < 0.05)	7.10	7.2	Y	Y
DO (Surface and Mid Depth)	< 3.76	R significantly greater than I (t-test, p < 0.05)	< 3.11	R significantly greater than I (t-test, p < 0.05)	7.07	7.21	Y	Y
Turbidity (Depth-averaged)	> 28.14	I ≥ 1.2 R (14.74)	> 38.32	I ≥ 1.3 R (15.96)	23.67	12.28	Y	Y
SS (Depth-averaged)	> 37.88	I ≥ 1.2 R (18.50)	> 61.92	I ≥ 1.3 R (20.04)	30.97	15.42	Y	Y

Note: (a) I = Impact; R = Reference Stations